

## TABELA DE CORES

Na Jetfix Pintura Eletrostática trabalhamos com uma ampla variedade de cores, atendendo as necessidades dos nossos clientes com extrema agilidade. Nosso sistema de cores esta baseado no Padrão Ral e Munsell, trabalhando também com o desenvolvimento de tintas especiais em parceria com nossos fornecedores, conforme especificações do cliente.

A Tabela Ral é um sistema de definição de cores desenvolvido originalmente em 1927 na Alemanha a partir de uma tabela de 40 tonalidades.

O sistema de cores de Munsell é um sistema de ordenamento de cores perceptualmente uniforme que possibilita um arranjo tridimensional das cores num espaço cilíndrico de três eixos e que permite especificar uma determinada cor através de três dimensões. Muito comum seu uso nas áreas de engenharia elétrica (cores de painéis elétricos), agronomia e pedologia.

## TABELA RAL (RAL)

				
RAL 1000 CMYK 10 10 50 10	RAL 1001 CMYK 0 20 50 20	RAL 1002 CMYK 0 20 60 10	RAL 1003 CMYK 5 20 90 0	RAL 1004 CMYK 5 30 100 0
				
RAL 1005 CMYK 10 30 100 0	RAL 1006 CMYK 5 30 90 0	RAL 1007 CMYK 0 40 100 0	RAL 1011 CMYK 30 40 70 0	RAL 1012 CMYK 10 10 90 0
				
RAL 1013 CMYK 0 5 20 10	RAL 1014 CMYK 0 10 40 10	RAL 1015 CMYK 0 5 30 10	RAL 1016 CMYK 10 0 90 0	RAL 1017 CMYK 0 30 70 0
				
RAL 1018 CMYK 0 0 80 0	RAL 1019 CMYK 5 20 40 40	RAL 1020 CMYK 1 5 30 40	RAL 1021 CMYK 0 10 100 0	RAL 1023 CMYK 0 10 90 0
				
RAL 1024 CMYK 30 40 70 10	RAL 1026 CMYK 0 0 100 0	RAL 1027 CMYK 10 20 90 40	RAL 1028 CMYK 0 30 100 0	RAL 1032 CMYK 0 30 90 10
				
RAL 1033 CMYK 0 30 90 0	RAL 1034 CMYK 0 30 80 0	RAL 1037 CMYK 0 40 100 0	RAL 2000 CMYK 0 50 100 0	RAL 2001 CMYK 0 80 100 20
				
RAL 2002 CMYK 0 90 100 0	RAL 2003 CMYK 0 52 100 0	RAL 2004 CMYK 0 70 100 0	RAL 2005 CMYK 0 75 75 5	RAL 2007 CMYK 0 50 100 0
				
RAL 2008 CMYK 0 60 100 0	RAL 2009 CMYK 5 70 100 0	RAL 2010 CMYK 0 70 100 10	RAL 2011 CMYK 0 55 100 0	RAL 2012 CMYK 0 60 70 0

# TABELA RAL (RAL)



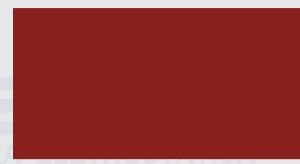
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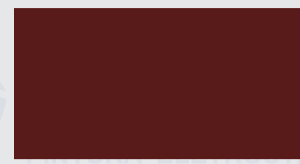
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RAL 3002  
CMYK 10 100 90 20



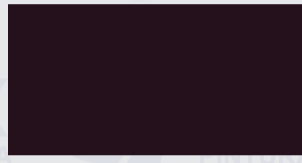
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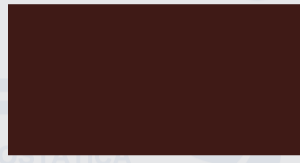
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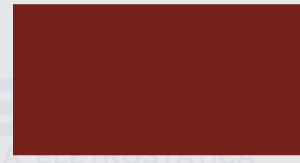
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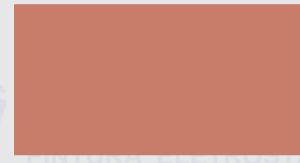
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RAL 3009  
CMYK 5 90 100 80



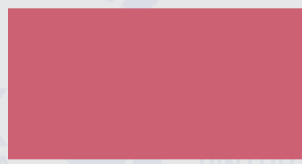
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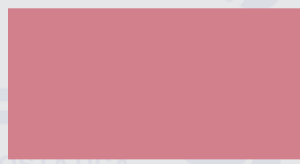
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RAL 3013  
CMYK 20 90 100 20



RAL 3014  
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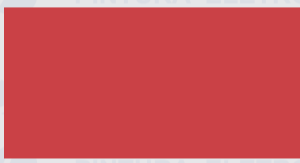
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CMYK 0 50 20 10



RAL 3016  
CMYK 0 90 90 20



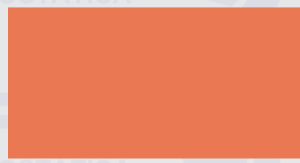
RAL 3017  
CMYK 0 80 50 10



RAL 3018  
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RAL 3020  
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RAL 3022  
CMYK 0 60 70 0



RAL 3024  
CMYK 0 80 90 0



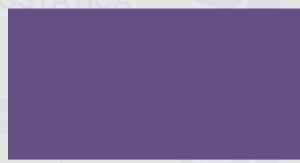
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RAL 3027  
CMYK 0 100 70 20



RAL 3031  
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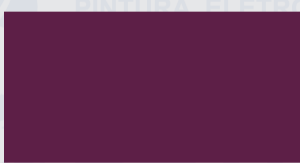
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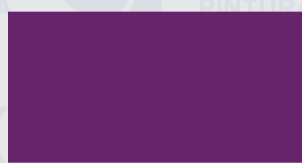
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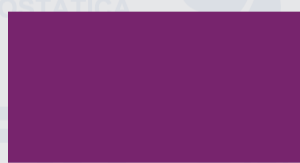
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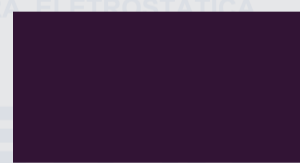
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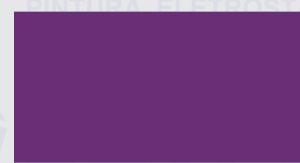
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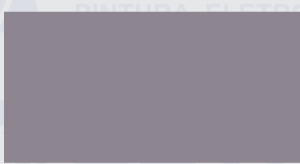
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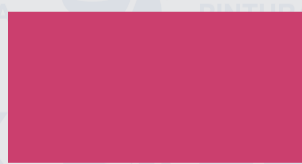
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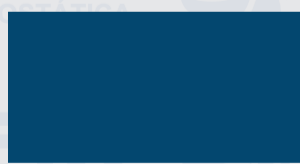
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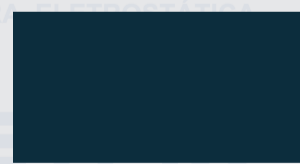
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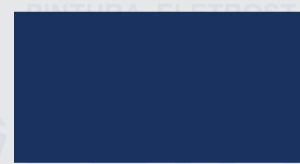
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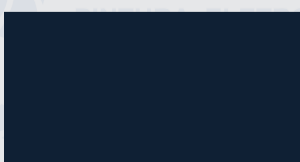
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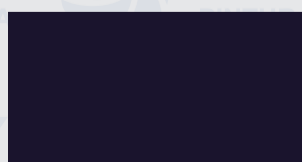
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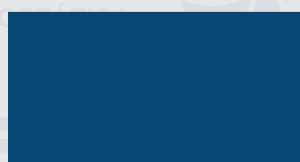
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RAL 5003  
CMYK 100 50 0 80



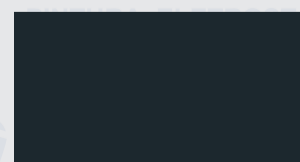
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RAL 5005  
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RAL 5007  
CMYK 80 20 0 40



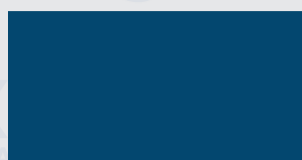
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## TABELA RAL (RAL)



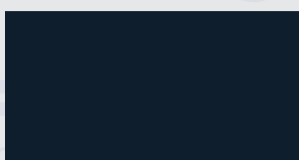
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RAL 5010

CMYK 100 40 5 40



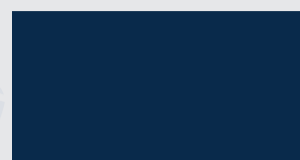
RAL 5011

CMYK 100 60 10 80



RAL 5012

CMYK 90 30 10 10



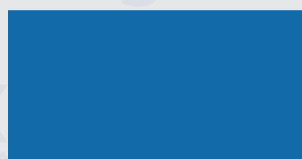
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CMYK 100 60 0 60



RAL 5014

CMYK 50 20 0 40



RAL 5015

CMYK 100 30 0 10



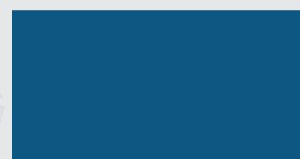
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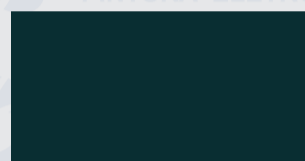
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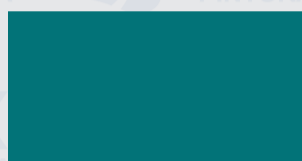
RAL 5019

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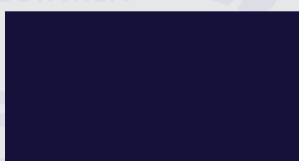
RAL 5020

CMYK 100 0 40 80



RAL 5021

CMYK 100 20 50 10



RAL 5022

CMYK 100 100 40 40



RAL 5023

CMYK 80 40 10 20



RAL 5024

CMYK 70 20 10 20



RAL 6000

CMYK 80 20 60 20



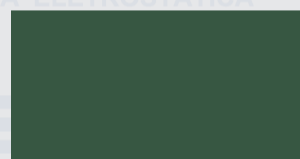
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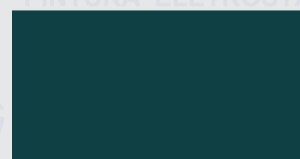
RAL 6002

CMYK 90 40 90 10



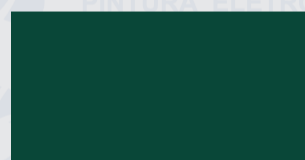
RAL 6003

CMYK 80 50 80 20



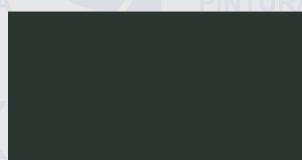
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CMYK 100 50 60 40



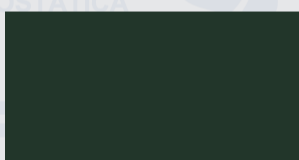
RAL 6005

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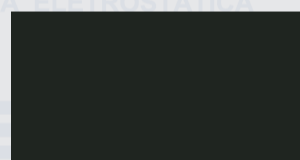
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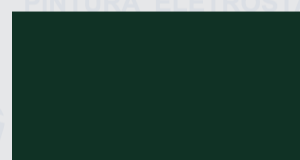
RAL 6007

CMYK 80 50 80 60



RAL 6008

CMYK 70 50 70 80



RAL 6009

CMYK 90 50 90 60



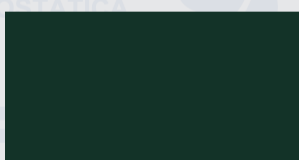
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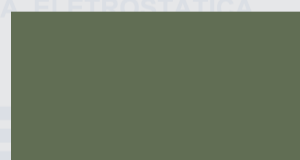
RAL 6011

CMYK 70 30 70 5



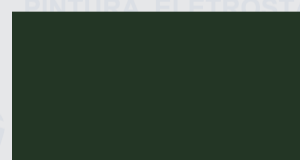
RAL 6012

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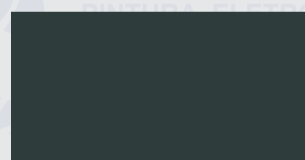
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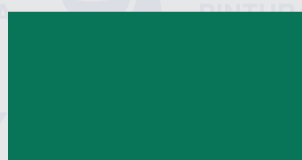
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CMYK 80 50 90 60



RAL 6015

CMYK 80 60 70 40



RAL 6016

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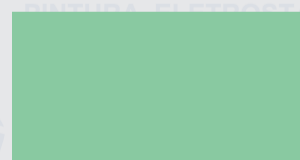
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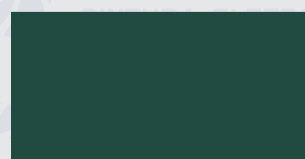
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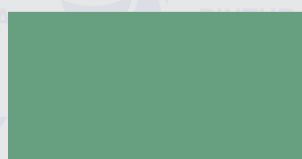
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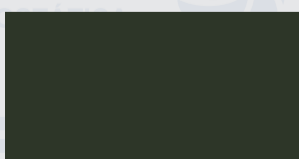
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RAL 6021

CMYK 50 10 50 10



RAL 6022

CMYK 90 80 100 20



RAL 6024

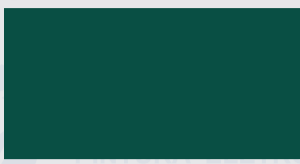
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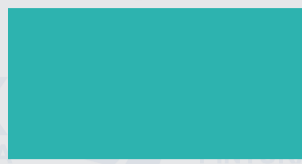
RAL 6025

CMYK 80 30 90 10

# TABELA RAL (RAL)



RAL 6026  
CMYK 100 30 70 40



RAL 6027  
CMYK 60 0 30 0



RAL 6028  
CMYK 100 60 100 0



RAL 6029  
CMYK 100 20 100 5



RAL 6032  
CMYK 90 10 80 0



RAL 6033  
CMYK 80 20 50 0



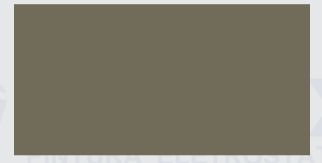
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RAL 7000  
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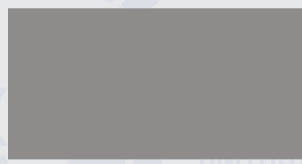
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RAL 7002  
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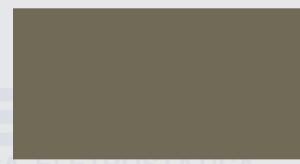
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RAL 7004  
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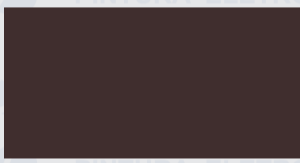
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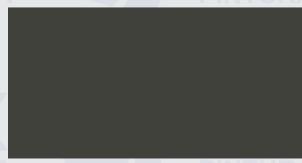
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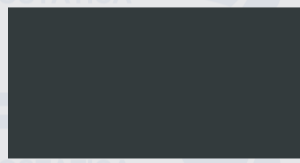
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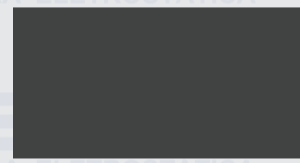
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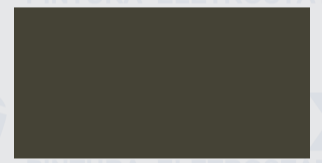
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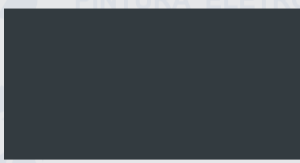
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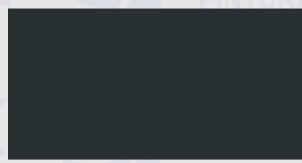
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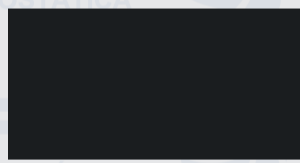
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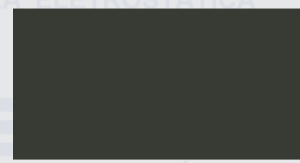
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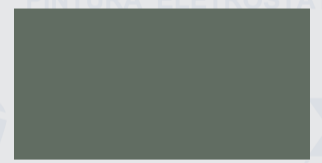
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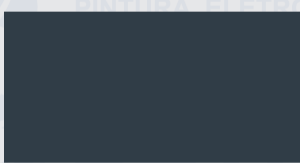
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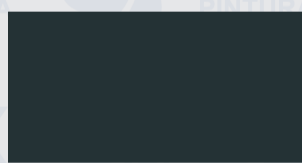
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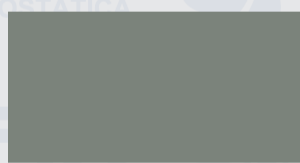
RAL 7023  
CMYK 40 20 40 40



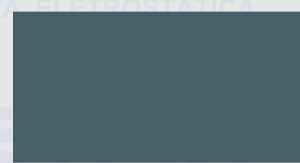
RAL 7024  
CMYK 80 60 50 40



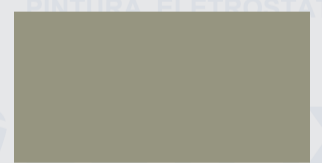
RAL 7026  
CMYK 60 20 30 80



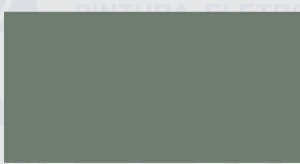
RAL 7030  
CMYK 20 10 20 40



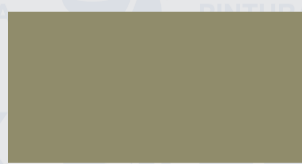
RAL 7031  
CMYK 60 30 30 40



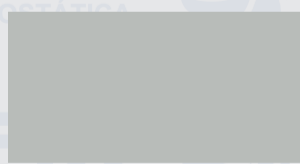
RAL 7032  
CMYK 0 0 20 40



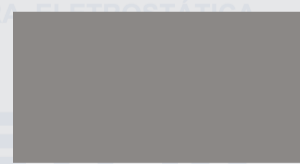
RAL 7033  
CMYK 30 10 30 40



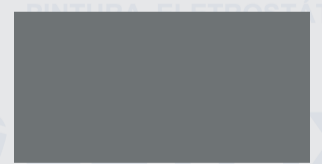
RAL 7034  
CMYK 5 5 40 40



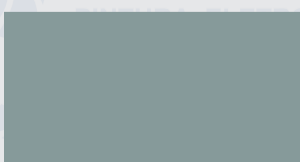
RAL 7035  
CMYK 5 0 5 20



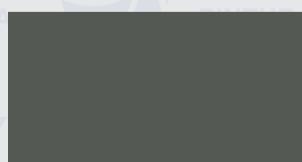
RAL 7036  
CMYK 10 10 10 40



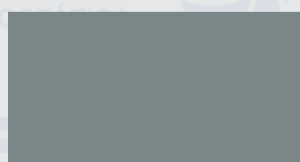
RAL 7037  
CMYK 30 20 20 40



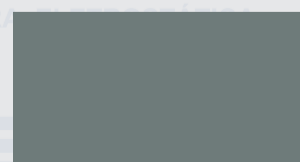
RAL 7038  
CMYK 30 10 20 20



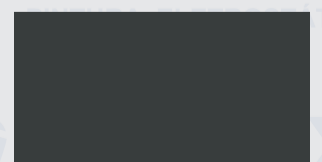
RAL 7039  
CMYK 50 40 50 40



RAL 7040  
CMYK 20 5 10 40

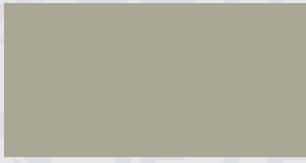


RAL 7042  
CMYK 30 10 20 40



RAL 7043  
CMYK 30 10 20 80

# TABELA RAL (RAL)



RAL 7044  
CMYK 0 0 15 30



RAL 7045  
CMYK 20 10 10 40



RAL 7046  
CMYK 30 10 10 40



RAL 7047  
CMYK 0 0 5 20



RAL 8000  
CMYK 50 50 80 10



RAL 8001  
CMYK 40 60 90 10



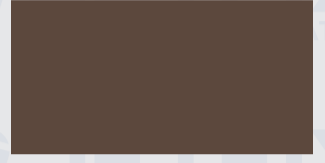
RAL 8002  
CMYK 60 80 80 10



RAL 8003  
CMYK 50 70 80 10



RAL 8004  
CMYK 40 80 80 10



RAL 8007  
CMYK 60 70 80 20



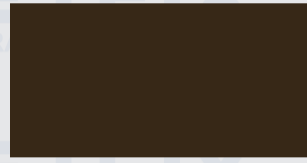
RAL 8008  
CMYK 50 60 70 20



RAL 8011  
CMYK 10 60 100 80



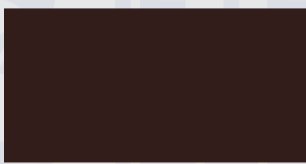
RAL 8012  
CMYK 5 100 100 80



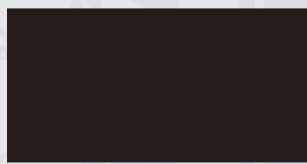
RAL 8014  
CMYK 30 60 100 80



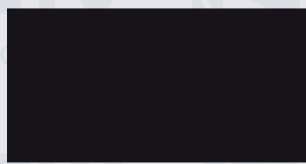
RAL 8015  
CMYK 0 90 100 80



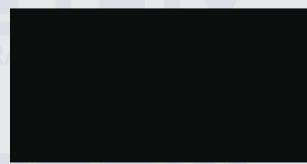
RAL 8016  
CMYK 40 80 80 80



RAL 8017  
CMYK 60 80 80 80



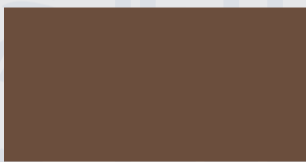
RAL 8019  
CMYK 90 90 80 80



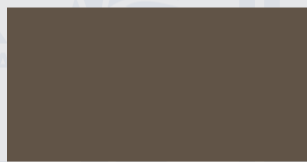
RAL 8022  
CMYK 100 100 80 95



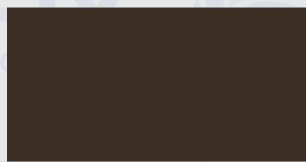
RAL 8023  
CMYK 20 70 100 20



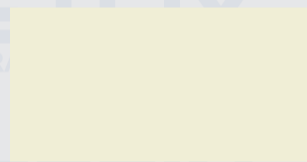
RAL 8024  
CMYK 30 60 70 40



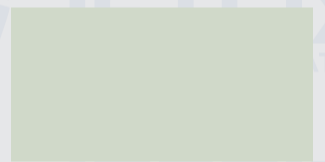
RAL 8025  
CMYK 40 50 60 40



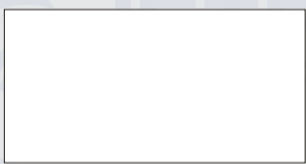
RAL 8028  
CMYK 20 50 70 80



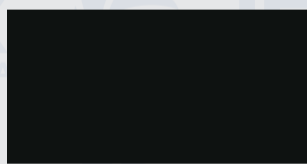
RAL 9001  
CMYK 0 0 10 5



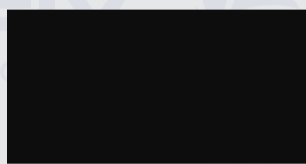
RAL 9002  
CMYK 5 0 10 10



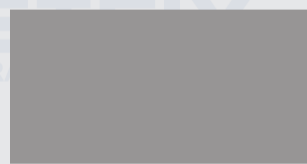
RAL 9003  
CMYK 0 0 0 0



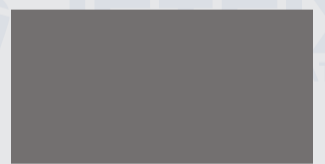
RAL 9004  
CMYK 100 90 100 80



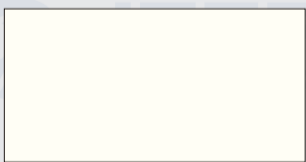
RAL 9005  
CMYK 100 100 100 95



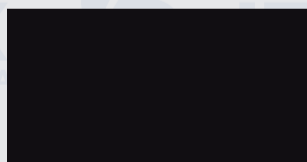
RAL 9006  
CMYK 0 0 0 40



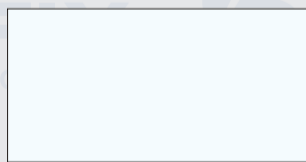
RAL 9007  
CMYK 0 0 0 60



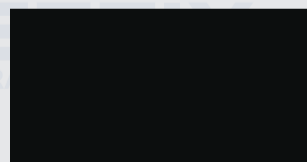
RAL 9010  
CMYK 0 0 5 0



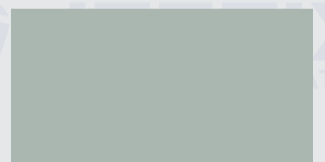
RAL 9011  
CMYK 100 100 100 80



RAL 9016  
CMYK 3 0 0 0



RAL 9017  
CMYK 100 90 100 95

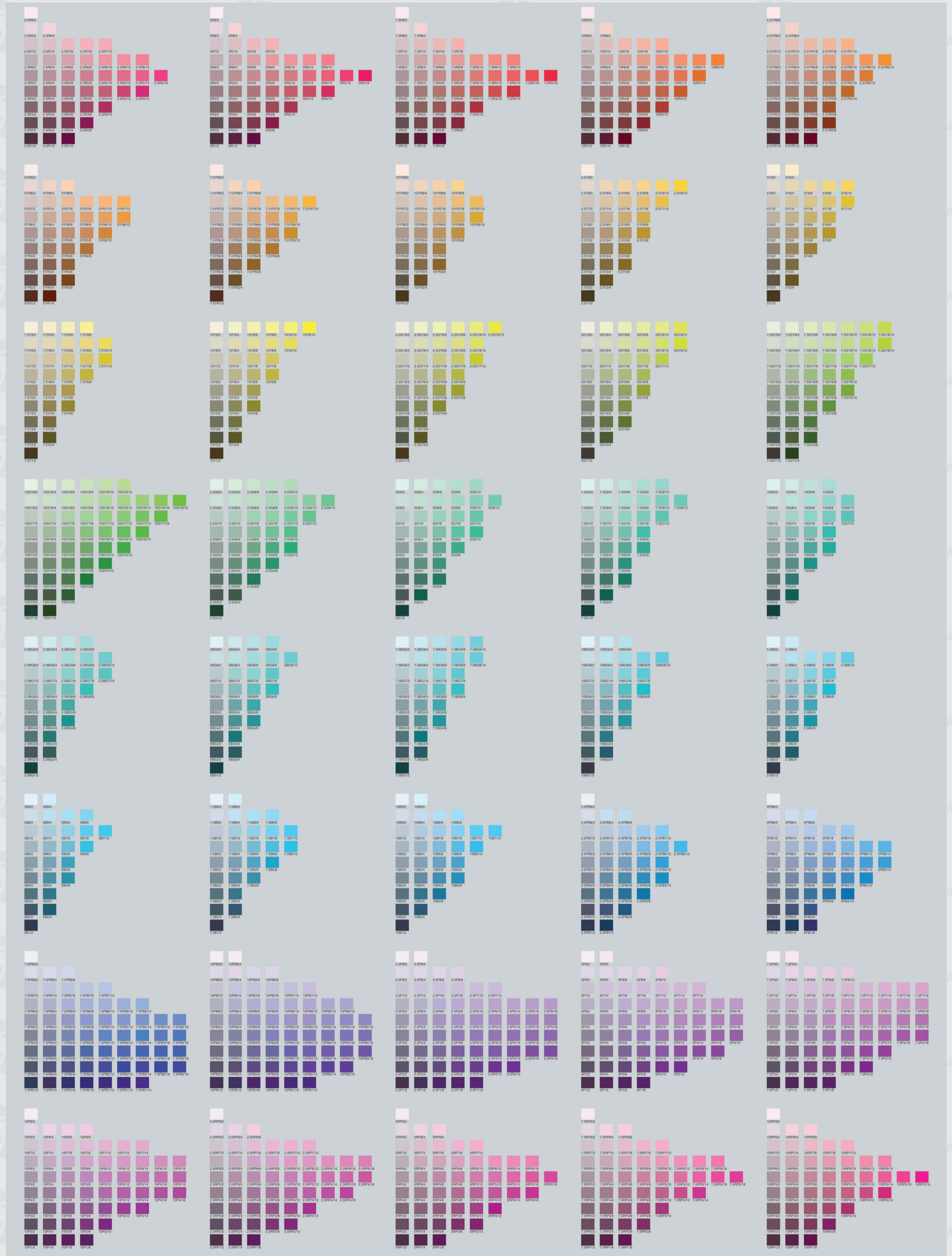


RAL 9018  
CMYK 10 0 10 20



# SISTEMA MUNSELL (MUN)

Utilize o zoom do seu leitor de PDF para visualização dos grupos de cores.



## CORES PADRÃO

Amarelo Segurança 1702  
5 Y8/12



Amarelo Ouro 1701  
10 YR 8/14



Laranja Segurança 2701  
10 YR 8/14



Vermelho Segurança 3176  
5 R 4/14



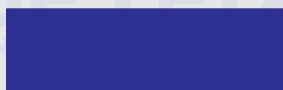
Vermelho Fogo 3169  
7,5 3/12



Azul Piscina 5719  
7,5 B 7/6



Azul Segurança 5708  
2,5 PB 4/10



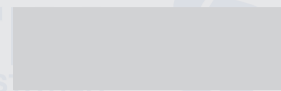
Verde Segurança 6706  
10 G Y 6/6



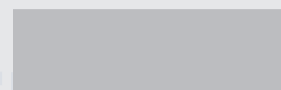
Branco 9701  
N 9,50



Alumínio 9301



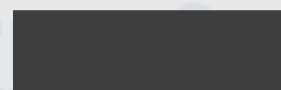
Cinza Gelo 7701  
N 8



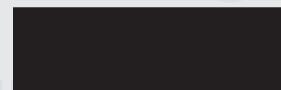
Cinza Claro 7702  
N 6,5



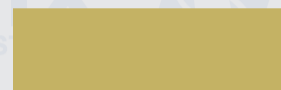
Cinza Escuro 7703  
N 3,5



Preto 9200



Creme Canalização 1710  
10 YR 7/6



Marron 8703  
2,5 YR 2/4



## CORES DE SEGURANÇA (CONFORME NORMA ABNT-NBR 7195/1995)



**MUN 5R 4/14P**

**Vermelho Segurança**

Para sinalizar locais, equipamentos e aparelhos de proteção contra incêndio e combate a incêndio.



**MUN 2,5YR 6/14**

**Laranja Segurança**

Utilizada para identificar partes móveis e perigosas de máquinas e equipamentos.



**MUN 5Y 8/12**

**Amarelo Segurança**

Denota cuidado e atenção, usado para partes portáteis, corrimãos, parapeitos, plataformas, guindastes.



**MUN 10GY 6/6**

**Verde Segurança**

Caracteriza segurança e identifica portas de entrada de urgência, caixas de equipamentos de socorro, avisos de segurança.



**MUN 2,5 PB 4/10**

**Azul Segurança**

Cor utilizada para indicar uma ação obrigatória, por exemplo o uso de EPI e/ou impedir a movimentação ou energização de equipamentos.



**MUN N9,5**

**Branco**

Indica passadiços e corredores de circulação por meio de faixas, localização de coletores de resíduos e de bebedouros.



**MUN N1**

**Preto**

É a cor empregada para identificar coletores de resíduos, exceto os de origem de serviços de saúde.



**MUN 10P 4/10**

**Púrpura**

Indica os perigos provenientes das radiações eletromagnéticas, partículas nucleares e recipientes de materiais radioativos.

**IMPORTANTE:** As tonalidades de cores podem sofrer alterações devido as configurações e tipos de monitores/impressão.