

# Converting Colors

RGB(158, 153, 150)

Have a look what the booklet for  
RGB(158, 153, 150) contains.

<b>RGB(158, 153, 150)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(158, 153, 150)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E9996
RGB	158, 153, 150
RGB Percent	62%, 60%, 59%
CMY	0.3804, 0.4000, 0.4118
CMYK	0.00, 0.03, 0.05, 0.38
HSL	22°, 4%, 60%
HSV	22°, 5%, 62%
XYZ	30.9968, 32.2536, 33.4460
YIQ	154.1530, 3.9430, 0.1270

# Conversions

## Conversions Part 2

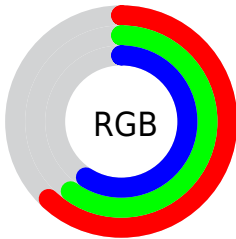
Format	Color
<b>RYB</b>	158, 155, 150
Decimal	10394006
CIELab	63.55, 1.27, 2.21
CIELCh	64, 2.549, 60.232
Yxy	32.2536, 0.3206, 0.3336
Android (android.graphics.Color)	4288584086 (0xFF9E9996)
YUV	154.1530, -2.0474, 3.3738
Hunter-Lab	56.7922, -1.9623, 4.8376

# Details

The RGB color **158, 153, 150** is a light color, and the websafe version is hex **999999**. A complement of this color would be **150, 155, 158**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **213, 207, 204**, and **107, 102, 99** is the 20% darker color. If you saturate the color by 10%, you get **158, 143, 134**, and if you desaturate by 10%, it is **158, 163, 166**.

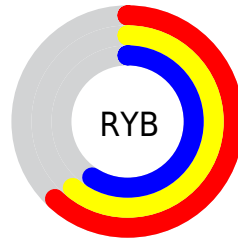
# Distribution



Red (62%)

Green (60%)

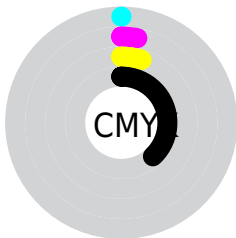
Blue (59%)



Red (62%)

Yellow (61%)

Blue (59%)

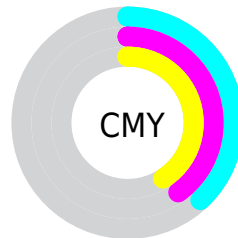


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 158, 153, 150 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 158, 153, 150 by changing the saturation by 10% instead.



■ 158, 153, 150

255, 255, 255

■ 213, 207, 204

■ 241, 236, 232

■ 158, 153, 150

■ 132, 127, 124

■ 107, 102, 99

■ 83, 78, 75

■ 59, 55, 53

■ 38, 34, 32

■ 17, 12, 8

■ 0, 0, 0

■ 158, 153, 150


■ 158, 143, 134

■ 158, 153, 150


■ 158, 163, 166

 158, 133, 118


 158, 173, 182

 158, 123, 103

 158, 183, 197

 158, 113, 87

 158, 193, 213

 158, 104, 71

 158, 202, 229

 158, 94, 55

 158, 212, 245

 158, 84, 39

 158, 222, 255

 158, 74, 24

 158, 232, 255

 158, 64, 8

 158, 242, 255

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



159, 153, 152



158, 153, 150



156, 154, 149

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



158, 153, 150



149, 155, 154



154, 153, 158

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



158, 153, 150



150, 155, 158

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



152, 154, 158



158, 153, 150



149, 155, 156

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



158, 153, 150



151, 155, 152



150, 155, 158



157, 153, 156

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



158, 153, 150



154, 154, 150



150, 155, 158



154, 154, 158



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



158, 153, 150



207, 204, 202



158, 150, 155



105, 103, 102



232, 232, 232



105, 105, 105



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



158, 153, 150



207, 199, 194



158, 157, 150



79, 76, 74



143, 54, 0



15, 6, 0



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



150, 155, 158



194, 202, 207



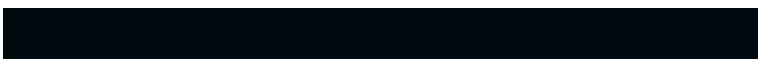
150, 151, 158



74, 77, 79



0, 89, 143



0, 10, 15



# Previews

## White Background



This preview shows how the RGB color 158, 153, 150 looks on a white background.

## Color Contrast Check

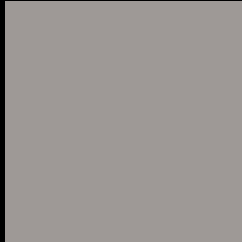
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 158, 153, 150 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

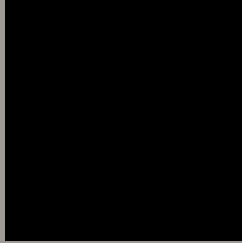
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

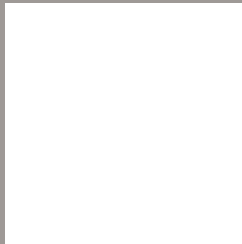
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 158, 153, 150 Background



This preview shows how black text looks on a background with the RGB color 158, 153, 150.



This preview shows how white text looks on a background with the RGB color 158, 153, 150.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
158, 153, 150

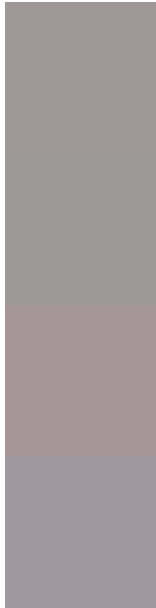
**Protanopia**  
157, 153, 150

**Deuteranopia**  
170, 149, 151



**Tritanopia**  
160, 151, 163

# Trichromacy



**Original Color**

158, 153, 150

**Protanomaly**

157, 153, 150

**Deuteranomaly**

166, 150, 151

**Tritanomaly**

159, 152, 158

# Monochromacy



**Original Color**

158, 153, 150

**Achromatopsia**

154, 154, 154

**Achromatomaly**

155, 154, 153

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 158, 153, 150 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(158, 153, 150) looks like.

```
.text, #text, p{  
    color:rgb(158, 153, 150)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(158, 153, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 153, 150) }
```

## Border

The CSS property to change the border of an element to RGB 158, 153, 150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 153, 150) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(158, 153, 150) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(158, 153, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 153, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 153, 150);  
box-shadow:4px 4px 4px 4px rgb(158, 153,  
150) }
```

# Background

The CSS property to change the background color of an element to RGB 158, 153, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 153, 150) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(158,  
153, 150) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor