

# Converting Colors

RGB(158, 145, 156)

Have a look what the booklet for  
RGB(158, 145, 156) contains.

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# **Color**

**RGB(158, 145, 156)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E919C
RGB	158, 145, 156
RGB Percent	62%, 57%, 61%
CMY	0.3804, 0.4314, 0.3882
CMYK	0.00, 0.08, 0.01, 0.38
HSL	309°, 6%, 59%
HSV	309°, 8%, 62%
XYZ	30.2267, 29.9202, 35.6345
YIQ	150.1410, 4.2170, 6.1770

# Conversions

## Conversions Part 2

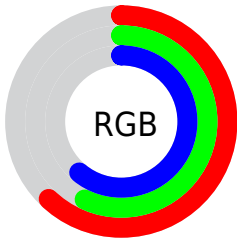
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 145, 156
Decimal	10391964
CIELab	61.59, 6.87, -4.06
CIELCh	62, 7.978, 329.418
Yxy	29.9202, 0.3156, 0.3124
Android (android.graphics.Color)	4288582044 (0xFF9E919C)
YUV	150.1410, 2.8885, 6.8923
Hunter-Lab	54.6994, 2.9147, -0.3356

# Details

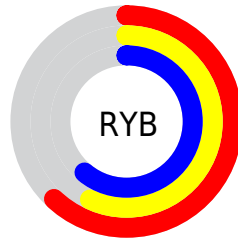
The RGB color **158, 145, 156** is a light color, and the websafe version is hex **999999**. A complement of this color would be **145, 158, 147**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **213, 199, 210**, and **107, 95, 105** is the 20% darker color. If you saturate the color by 10%, you get **158, 129, 154**, and if you desaturate by 10%, it is **158, 161, 158**.

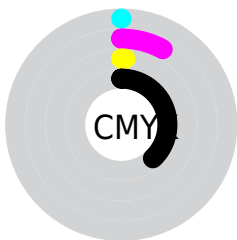
# Distribution



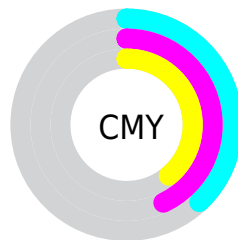
- Red (62%)
- Green (57%)
- Blue (61%)



- Red (62%)
- Yellow (57%)
- Blue (61%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (43%)
- Yellow (39%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 158, 145, 156 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, 145, 156 by changing the saturation by 10% instead.




 158, 145, 156

255, 255, 255

 213, 199, 210

 241, 227, 239

 158, 145, 156

 132, 119, 130

 107, 95, 105

 82, 71, 81

 59, 49, 58


 38, 28, 36


 17, 1, 15

 0, 0, 0


 158, 145, 156

 158, 129, 154

 158, 145, 156


 158, 161, 158

 158, 113, 151

 158, 177, 161

 158, 98, 149


 158, 192, 163

 158, 82, 146


 158, 208, 166

 158, 66, 144


 158, 224, 168

 158, 50, 141

 158, 240, 171

 158, 34, 139

 158, 255, 173

 158, 19, 137

 158, 255, 175

 158, 3, 134

 158, 255, 178

# Harmonies

## Analogous

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



150, 147, 161



158, 145, 156



163, 144, 149

# Triad

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



158, 145, 156



155, 148, 135



131, 153, 155

# Complementary

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



158, 145, 156



145, 158, 147

# 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.



133, 153, 148



158, 145, 156



147, 150, 136

# Square

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



158, 145, 156



161, 146, 137



139, 152, 141



134, 151, 161

# Rectangle

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



158, 145, 156



164, 144, 144



139, 152, 141



131, 153, 153



# Sweetspot

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



158, 145, 156



207, 202, 206



147, 145, 158



105, 102, 104



232, 232, 232



105, 105, 105



# Same Dimension

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



158, 145, 156



207, 186, 203



158, 145, 150



79, 71, 78



143, 0, 121



15, 0, 13



# Inverse Universe

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



158, 145, 156



207, 186, 203



145, 158, 153



79, 71, 78



143, 0, 121

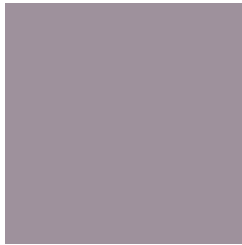


15, 0, 13



# Previews

## White Background



This preview shows how the RGB color 158, 145, 156 looks on a white background.

## Color Contrast Check

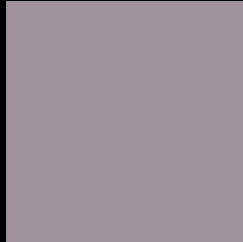
Large Text (above 18pt) WCAG AA ✓ Pass

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, 145, 156 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

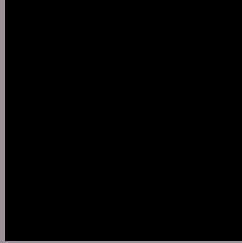
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

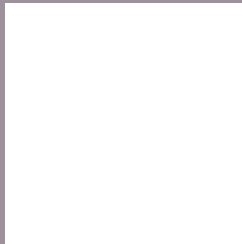
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 158, 145, 156 Background



This preview shows how black text looks on a background with the RGB color 158, 145, 156.



This preview shows how white text looks on a background with the RGB color 158, 145, 156.

# 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, 145, 156

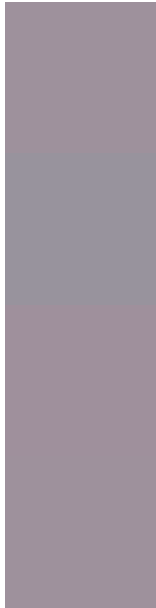
**Protanopia**  
149, 148, 158

**Deuteranopia**  
160, 144, 156



**Tritanopia**  
158, 145, 156

# Trichromacy



**Original Color**

158, 145, 156

**Protanomaly**

152, 147, 157

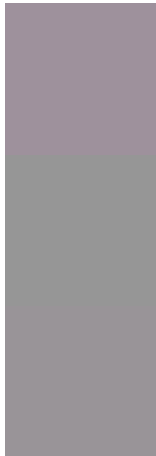
**Deuteranomaly**

159, 144, 156

**Tritanomaly**

158, 145, 156

# Monochromacy



**Original Color**

158, 145, 156

**Achromatopsia**

150, 150, 150

**Achromatomaly**

153, 148, 152

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 158, 145, 156 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, 145, 156) looks like.

```
.text, #text, p{  
    color:rgb(158, 145, 156)  
}
```

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, 145, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 145, 156) }
```

## Border

The CSS property to change the border of an element to RGB 158, 145, 156 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, 145, 156) }
```

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

```
.border{ border-color:rgb(158, 145, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 145, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 145, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 145, 156);  
box-shadow:4px 4px 4px 4px rgb(158, 145,  
156) }
```

# Background

The CSS property to change the background color of an element to RGB 158, 145, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 145, 156) }
```

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

```
.background{ background-color: rgb(158,  
145, 156) }
```

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](#).



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