

Converting Colors

RGB(165, 158, 173)

Have a look what the booklet for
RGB(165, 158, 173) contains.

RGB(165, 158, 173)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(165, 158, 173)

Conversions

Conversions Part 1

Format	Color
Hex	A59EAD
RGB	165, 158, 173
RGB Percent	65%, 62%, 68%
CMY	0.3529, 0.3804, 0.3216
CMYK	0.05, 0.09, 0.00, 0.32
HSL	268°, 8%, 65%
HSV	268°, 9%, 68%
XYZ	35.2867, 35.4702, 44.5218
YIQ	161.8030, -0.6430, 6.1490

Conversions

Conversions Part 2

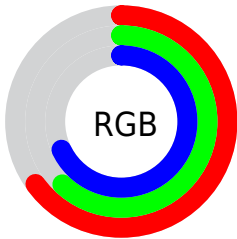
Format	Color
R_{YB}	165, 158, 173
Decimal	10854061
CIE _{Lab}	66.11, 5.42, -6.87
CIE _{LCh}	66, 8.753, 308.279
Yxy	35.4702, 0.3061, 0.3077
Android (android.graphics.Color)	4289044141 (0xFFA59EAD)
YUV	161.8030, 5.5201, 2.8038
Hunter-Lab	59.5568, 1.5347, -2.6325

Details

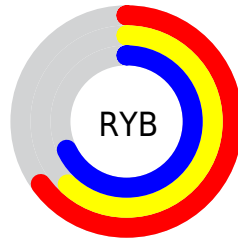
The RGB color **165, 158, 173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **166, 173, 158**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **220, 213, 228**, and **113, 107, 121** is the 20% darker color. If you saturate the color by 10%, you get **156, 141, 173**, and if you desaturate by 10%, it is **174, 175, 173**.

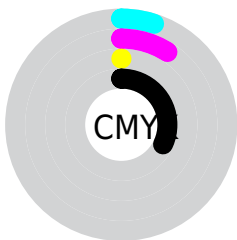
Distribution



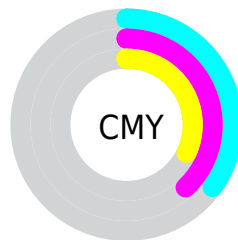
- Red (65%)
- Green (62%)
- Blue (68%)



- Red (65%)
- Yellow (62%)
- Blue (68%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (32%)



- Cyan (35%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 158, 173 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 165, 158, 173 by changing the saturation by 10% instead.

■ 165, 158, 173

255, 255, 255

■ 220, 213, 228

■ 249, 241, 255

■ 165, 158, 173

■ 139, 132, 146

■ 113, 107, 121

■ 89, 83, 96

■ 65, 60, 72

■ 43, 38, 50

■ 23, 17, 29

■ 0, 0, 0

■ 0, 0, 0

■ 165, 158, 173

■ 165, 158, 173

156, 141, 173

174, 175, 173

147, 123, 173

183, 193, 173

137, 106, 173

193, 210, 173

128, 89, 173

202, 227, 173

119, 72, 173

211, 245, 173

110, 54, 173

220, 255, 173

100, 37, 173

230, 255, 173

91, 20, 173

239, 255, 173

82, 2, 173

248, 255, 173

Harmonies

Analogous

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



155, 161, 176



165, 158, 173



173, 156, 167

Triad

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



165, 158, 173



173, 158, 146



142, 165, 163

Complementary

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



165, 158, 173



166, 173, 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.



148, 165, 155



165, 158, 173



165, 161, 145

Square

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



165, 158, 173



177, 156, 151



156, 163, 148



142, 165, 170

Rectangle

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



165, 158, 173



176, 155, 161



156, 163, 148



143, 165, 160

Sweetspot

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



165, 158, 173



221, 218, 224



158, 166, 173



110, 108, 112



240, 240, 240



112, 112, 112

Same Dimension

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



165, 158, 173



212, 202, 224



173, 158, 173



82, 78, 87



70, 0, 150



11, 0, 23

Inverse Universe

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



173, 158, 166



224, 202, 214



159, 173, 158



87, 78, 83



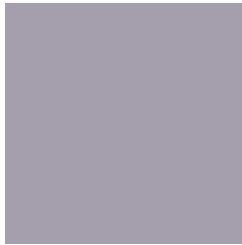
150, 0, 80



23, 0, 12

Previews

White Background



This preview shows how the RGB color 165, 158, 173 looks on a white background.

Color Contrast Check

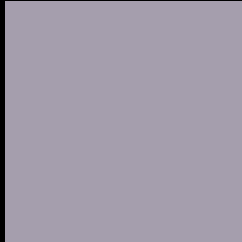
Large Text (above 18pt) WCAG AA × Fail

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 165, 158, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

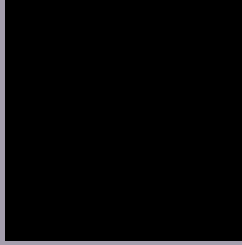
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

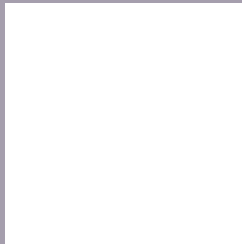
Any Text WCAG AAA ✓ Pass

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

RGB 165, 158, 173 Background



This preview shows how black text looks on a background with the RGB color 165, 158, 173.



This preview shows how white text looks on a background with the RGB color 165, 158, 173.

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
165, 158, 173

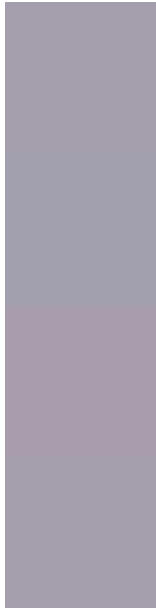
Protanopia
160, 160, 174

Deuteranopia
170, 156, 173



Tritanopia
165, 158, 171

Trichromacy



Original Color
165, 158, 173

Protanomaly
162, 159, 174

Deuteranomaly
168, 157, 173

Tritanomaly
165, 158, 172

Monochromacy



Original Color
165, 158, 173

Achromatopsia
162, 162, 162

Achromatomaly
163, 161, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 158, 173 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(165, 158, 173) looks like.

```
.text, #text, p{  
    color:rgb(165, 158, 173)  
}
```

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(165, 158, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 158, 173) }
```

Border

The CSS property to change the border of an element to RGB 165, 158, 173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

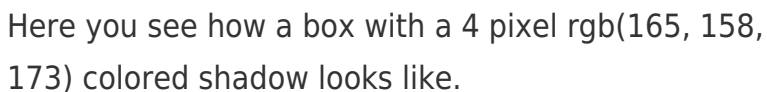
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 158, 173) }
```

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

```
.border{ border-color:rgb(165, 158, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 158, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 158, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 158, 173);  
box-shadow:4px 4px 4px 4px rgb(165, 158,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 165, 158, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 158, 173) }
```

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

```
.background{ background-color: rgb(165,  
158, 173) }
```

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