

# Converting Colors

RGB(167, 159, 176)

Have a look what the booklet for  
RGB(167, 159, 176) contains.

<b>RGB(167, 159, 176)</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(167, 159, 176)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A79FB0
RGB	167, 159, 176
RGB Percent	65%, 62%, 69%
CMY	0.3451, 0.3765, 0.3098
CMYK	0.05, 0.10, 0.00, 0.31
HSL	268°, 10%, 66%
HSV	268°, 10%, 69%
XYZ	36.1710, 36.1464, 46.1448
YIQ	163.3300, -0.6890, 6.9830

# Conversions

## Conversions Part 2

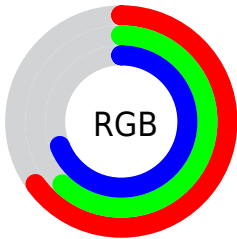
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">167, 159, 176</a>
Decimal	<a href="#">10985392</a>
CIELab	<a href="#">66.63, 6.16, -7.76</a>
CIELCh	<a href="#">67, 9.910, 308.464</a>
Yxy	<a href="#">36.1464, 0.3053, 0.3051</a>
Android (android.graphics.Color)	<a href="#">4289175472</a> <a href="#">(0xFFA79FB0)</a>
YUV	<a href="#">163.3300, 6.2463, 3.2186</a>
Hunter-Lab	<a href="#">60.1218, 2.1773, -3.4211</a>

# Details

The RGB color **167, 159, 176** is a light color, and the websafe version is hex **999999**. A complement of this color would be **168, 176, 159**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **222, 214, 232**, and **115, 108, 124** is the 20% darker color. If you saturate the color by 10%, you get **158, 141, 176**, and if you desaturate by 10%, it is **176, 177, 176**.

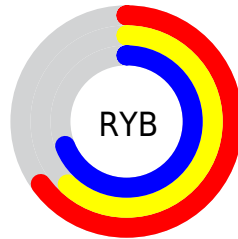
# Distribution



Red (65%)

Green (62%)

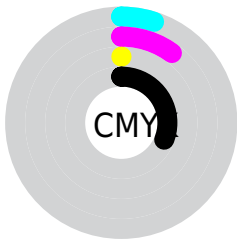
Blue (69%)



Red (65%)

Yellow (62%)

Blue (69%)

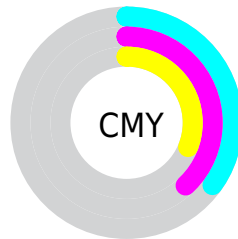


Cyan (5%)

Magenta (10%)

Yellow (0%)

Black (31%)



Cyan (35%)

Magenta (38%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 167, 159, 176 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 167, 159, 176 by changing the saturation by 10% instead.



■ 167, 159, 176

255, 255, 255

■ 222, 214, 232

■ 251, 242, 255

■ 167, 159, 176

■ 141, 133, 149

■ 115, 108, 124

■ 90, 83, 99

■ 67, 60, 75

■ 45, 39, 52

■ 24, 18, 31

■ 0, 0, 5

■ 0, 0, 0

■ 167, 159, 176

■ 167, 159, 176

158, 141, 176

176, 177, 176

148, 124, 176

186, 194, 176

139, 106, 176

195, 212, 176

130, 89, 176

204, 229, 176

120, 71, 176

214, 247, 176

111, 53, 176

223, 255, 176

102, 36, 176

232, 255, 176

92, 18, 176

242, 255, 176

83, 1, 176

251, 255, 176

# Harmonies

## Analogous

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



156, 162, 179



167, 159, 176



176, 157, 169

# Triad

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



167, 159, 176



176, 159, 146



141, 167, 164

# Complementary

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



167, 159, 176



168, 176, 159

# 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.



147, 167, 155



167, 159, 176



167, 162, 145

# Square

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



167, 159, 176



181, 157, 151



157, 165, 148



140, 167, 173

# Rectangle

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



167, 159, 176



180, 156, 163



157, 165, 148



142, 167, 161



# Sweetspot

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



167, 159, 176



226, 223, 230



159, 168, 176



112, 110, 115



242, 242, 242



115, 115, 115



# Same Dimension

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



167, 159, 176



215, 202, 230



175, 159, 176



85, 80, 89



72, 0, 153



12, 0, 26



# Inverse Universe

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



176, 159, 168



230, 202, 217



160, 176, 159



89, 80, 85



153, 0, 81

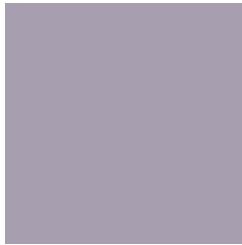


26, 0, 13



# Previews

## White Background



This preview shows how the RGB color 167, 159, 176 looks on a white background.

## Color Contrast Check

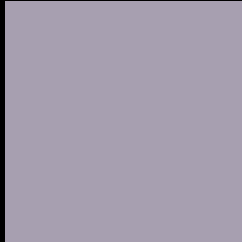
Large Text (above 18pt) WCAG AA × Fail

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 167, 159, 176 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

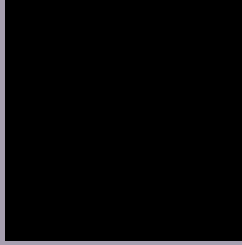
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 167, 159, 176 Background



This preview shows how black text looks on a background with the RGB color 167, 159, 176.



This preview shows how white text looks on a background with the RGB color 167, 159, 176.

# 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**  
167, 159, 176

**Protanopia**  
160, 161, 177

**Deuteranopia**  
171, 158, 176



**Tritanopia**  
166, 160, 172

# Trichromacy



**Original Color**  
167, 159, 176

**Protanomaly**  
163, 160, 177

**Deuteranomaly**  
170, 158, 176

**Tritanomaly**  
166, 160, 173

# Monochromacy



**Original Color**  
167, 159, 176

**Achromatopsia**  
163, 163, 163

**Achromatomaly**  
164, 162, 168

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 167, 159, 176 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(167, 159, 176) looks like.

```
.text, #text, p{  
    color:rgb(167, 159, 176)  
}
```

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(167, 159, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 159, 176) }
```

## Border

The CSS property to change the border of an element to RGB 167, 159, 176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

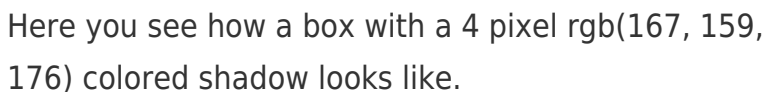
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 159, 176) }
```

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

```
.border{ border-color:rgb(167, 159, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 159, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 159, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 159, 176); box-shadow:4px 4px 4px 4px rgb(167, 159, 176) }
```

# Background

The CSS property to change the background color of an element to RGB 167, 159, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 159, 176) }
```

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

```
.background{ background-color: rgb(167,  
159, 176) }
```

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