

# Converting Colors

RGB(176, 123, 157)

Have a look what the booklet for  
RGB(176, 123, 157) contains.

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# **Color**

**RGB(176, 123, 157)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B07B9D
RGB	176, 123, 157
RGB Percent	69%, 48%, 62%
CMY	0.3098, 0.5176, 0.3843
CMYK	0.00, 0.30, 0.11, 0.31
HSL	322°, 25%, 59%
HSV	322°, 30%, 69%
XYZ	31.0733, 25.8303, 35.2463
YIQ	142.7230, 20.6740, 21.8100

# Conversions

## Conversions Part 2

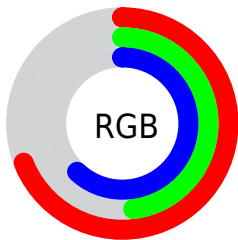
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 123, 157
Decimal	11565981
CIELab	57.88, 26.02, -9.95
CIELCh	58, 27.854, 339.065
Yxy	25.8303, 0.3372, 0.2803
Android (android.graphics.Color)	4289756061 (0xFFB07B9D)
YUV	142.7230, 7.0386, 29.1839
Hunter-Lab	50.8236, 20.1927, -5.5413

# Details

The RGB color **176, 123, 157** is a light color, and the websafe version is hex **996699**. A complement of this color would be **123, 176, 142**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **232, 176, 212**, and **123, 73, 106** is the 20% darker color. If you saturate the color by 10%, you get **176, 105, 151**, and if you desaturate by 10%, it is **176, 141, 163**.

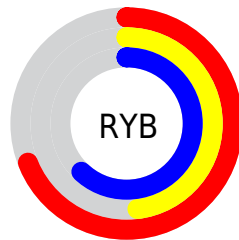
# Distribution



Red (69%)

Green (48%)

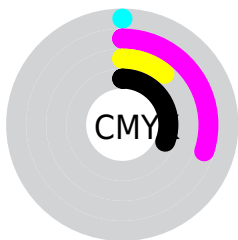
Blue (62%)



Red (69%)

Yellow (48%)

Blue (62%)

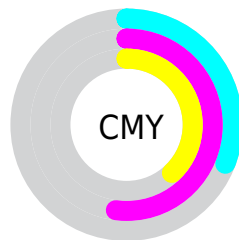


Cyan (0%)

Magenta (30%)

Yellow (11%)

Black (31%)



Cyan (31%)

Magenta (52%)

Yellow (38%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 176, 123, 157 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 176, 123, 157 by changing the saturation by 10% instead.




 176, 123, 157

255, 255, 255

 232, 176, 212

 255, 204, 240

 255, 232, 255

 176, 123, 157

 149, 98, 131

 123, 73, 106

 97, 50, 82

 72, 27, 59


 49, 4, 37

 27, 0, 15

 0, 0, 0

 176, 123, 157


 176, 105, 151

 176, 123, 157


 176, 141, 163


 176, 88, 144


 176, 158, 170

 176, 70, 138


 176, 176, 176

 176, 53, 132

 176, 193, 182

 176, 35, 125

 176, 211, 189

 176, 17, 119

 176, 229, 195

 176, 0, 113

 176, 246, 201

 176, 255, 207

 176, 255, 214

# Harmonies

## Analogous

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



152, 130, 177



176, 123, 157



187, 121, 132

# Triad

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



176, 123, 157



149, 140, 91



57, 151, 169

# Complementary

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



176, 123, 157



123, 176, 142

# 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.



66, 152, 146



176, 123, 157



122, 147, 101

# Square

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



176, 123, 157



171, 132, 94



93, 151, 121



81, 146, 184

# Rectangle

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



176, 123, 157



187, 122, 117



93, 151, 121



56, 152, 162



# Sweetspot

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



176, 123, 157



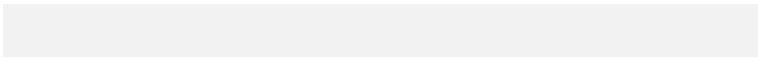
230, 209, 222



142, 123, 176



115, 102, 110



242, 242, 242



115, 115, 115



# Same Dimension

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



176, 123, 157



230, 147, 200



176, 123, 131



89, 80, 86



153, 0, 98



26, 0, 16



# Inverse Universe

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



176, 123, 157



230, 147, 200



123, 176, 168



89, 80, 86



153, 0, 98

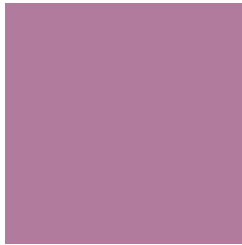


26, 0, 16



# Previews

## White Background



This preview shows how the RGB color 176, 123, 157 looks on a white background.

## Color Contrast Check

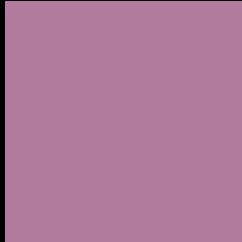
Large Text (above 18pt) WCAG AA ✓ Pass

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 176, 123, 157 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

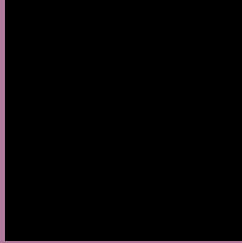
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 176, 123, 157 Background



This preview shows how black text looks on a background with the RGB color 176, 123, 157.

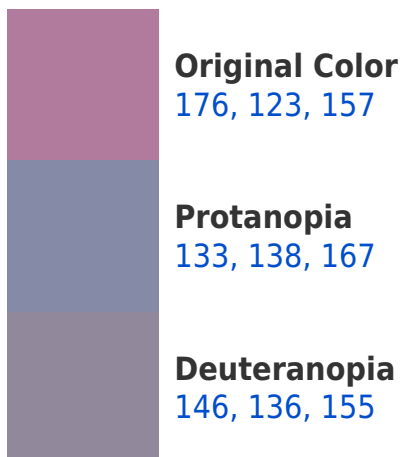


This preview shows how white text looks on a background with the RGB color 176, 123, 157.

# 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





**Tritanopia**  
173, 127, 136

# Trichromacy



**Original Color**  
176, 123, 157

**Protanomaly**  
149, 133, 163

**Deuteranomaly**  
157, 131, 156

**Tritanomaly**  
174, 126, 144

# Monochromacy



**Original Color**  
176, 123, 157

**Achromatopsia**  
143, 143, 143

**Achromatomaly**  
155, 136, 148

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 176, 123, 157 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(176, 123, 157) looks like.

```
.text, #text, p{  
    color:rgb(176, 123, 157)  
}
```

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(176, 123, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 123, 157) }
```

## Border

The CSS property to change the border of an element to RGB 176, 123, 157 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(176, 123, 157) }
```

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

```
.border{ border-color:rgb(176, 123, 157) }
```

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

Here you see how a box with a 4 pixel rgb(176, 123, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 123, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 123, 157);  
box-shadow:4px 4px 4px 4px rgb(176, 123,  
157) }
```

# Background

The CSS property to change the background color of an element to RGB 176, 123, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 123, 157) }
```

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

```
.background{ background-color: rgb(176,  
123, 157) }
```

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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