

Converting Colors

RGB(176, 123, 191)

Have a look what the booklet for
RGB(176, 123, 191) contains.

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Color

RGB(176, 123, 191)

Conversions

Conversions Part 1

Format	Color
Hex	B07BBF
RGB	176, 123, 191
RGB Percent	69%, 48%, 75%
CMY	0.3098, 0.5176, 0.2510
CMYK	0.08, 0.36, 0.00, 0.25
HSL	287°, 35%, 62%
HSV	287°, 36%, 75%
XYZ	34.3914, 27.1576, 52.7195
YIQ	146.5990, 9.7600, 32.3840

Conversions

Conversions Part 2

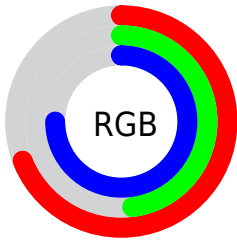
Format	Color
RYB	176, 123, 191
Decimal	11566015
CIELab	59.12, 32.50, -27.53
CIELCh	59, 42.594, 319.732
Yxy	27.1576, 0.3010, 0.2377
Android (android.graphics.Color)	4289756095 (0xFFB07BBF)
YUV	146.5990, 21.8897, 25.7847
Hunter-Lab	52.1130, 26.6016, -23.5010

Details

The RGB color **176, 123, 191** is a light color, and the websafe version is hex **996699**. A complement of this color would be **138, 191, 123**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **232, 176, 248**, and **122, 73, 137** is the 20% darker color. If you saturate the color by 10%, you get **172, 104, 191**, and if you desaturate by 10%, it is **180, 142, 191**.

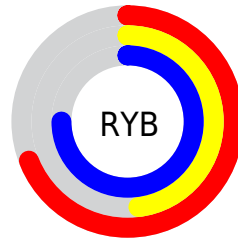
Distribution



Red (69%)

Green (48%)

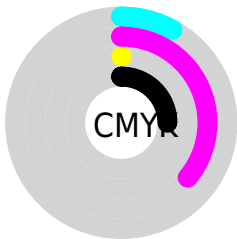
Blue (75%)



Red (69%)

Yellow (48%)

Blue (75%)

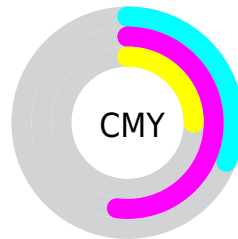


Cyan (8%)

Magenta (36%)

Yellow (0%)

Black (25%)



Cyan (31%)

Magenta (52%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 123, 191 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, 191 by changing the saturation by 10% instead.


 176, 123, 191

255, 255, 255

 232, 176, 248

 255, 204, 255

 255, 232, 255

 176, 123, 191

 149, 98, 164

 122, 73, 137

 97, 49, 112

 72, 26, 87


 48, 2, 63

 29, 0, 41


 0, 1, 19


 0, 0, 0

 176, 123, 191


 176, 123, 191

 172, 104, 191

 180, 142, 191


 168, 85, 191


 184, 161, 191

 163, 66, 191

 189, 180, 191


 159, 47, 191

 193, 199, 191

 155, 28, 191

 197, 219, 191

 151, 8, 191

 201, 238, 191

 149, 0, 191

 205, 255, 191

 210, 255, 191

 214, 255, 191

Harmonies

Analogous

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



125, 137, 213



176, 123, 191



205, 113, 157

Triad

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



176, 123, 191



176, 136, 67



0, 161, 166

Complementary

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



176, 123, 191



138, 191, 123

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.



28, 161, 128



176, 123, 191



140, 148, 69

Square

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



176, 123, 191



202, 122, 87



97, 156, 92



0, 158, 198

Rectangle

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



176, 123, 191



213, 111, 131



97, 156, 92



0, 162, 154

Sweetspot

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



176, 123, 191



241, 220, 247



123, 139, 191



121, 109, 125



252, 252, 252



125, 125, 125

Same Dimension

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



176, 123, 191



224, 141, 247



191, 123, 173



92, 85, 94



123, 0, 158



24, 0, 31

Inverse Universe

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



191, 123, 138



247, 141, 164



123, 191, 141



94, 85, 87



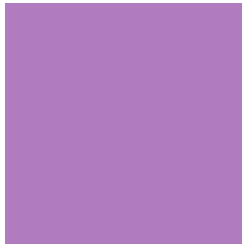
158, 0, 35



31, 0, 7

Previews

White Background



This preview shows how the RGB color 176, 123, 191 looks on a white background.

Color Contrast Check

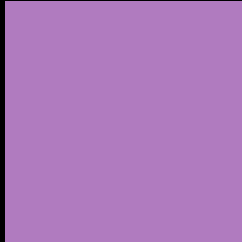
Large Text (above 18pt) WCAG AA ✓ Pass

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, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

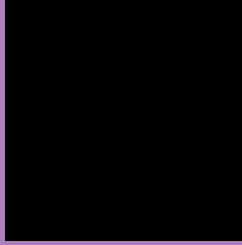
Any Text WCAG AA ✓ Pass

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, 191 Background



This preview shows how black text looks on a background with the RGB color 176, 123, 191.

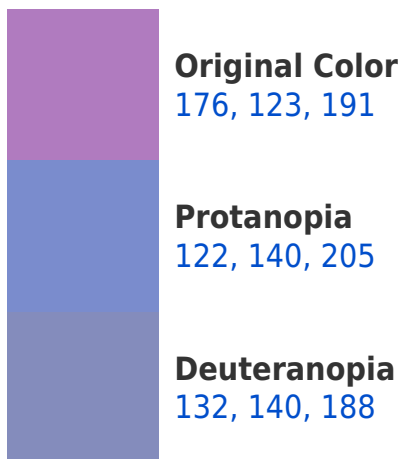



This preview shows how white text looks on a background with the RGB color 176, 123, 191.

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
169, 133, 143

Trichromacy



Original Color
176, 123, 191

Protanomaly
142, 134, 200

Deuteranomaly
148, 134, 189

Tritanomaly
172, 129, 160

Monochromacy



Original Color
176, 123, 191

Achromatopsia
147, 147, 147

Achromatomaly
158, 138, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 123, 191 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(176, 123, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 123, 191) }
```

Border

The CSS property to change the border of an element to RGB 176, 123, 191 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, 191) }
```

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

```
.border{ border-color:rgb(176, 123, 191) }
```

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, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 123, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 123, 191);  
box-shadow:4px 4px 4px 4px rgb(176, 123,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 176, 123, 191 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, 191) }
```

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

```
.background{ background-color: rgb(176,  
123, 191) }
```

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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