

# Converting Colors

RGB(176, 103, 190)

Have a look what the booklet for  
RGB(176, 103, 190) contains.

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# **Color**

**RGB(176, 103, 190)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B067BE
RGB	176, 103, 190
RGB Percent	69%, 40%, 75%
CMY	0.3098, 0.5961, 0.2549
CMYK	0.07, 0.46, 0.00, 0.25
HSL	290°, 40%, 57%
HSV	290°, 46%, 75%
XYZ	32.0490, 22.6483, 51.3976
YIQ	134.7450, 15.5810, 42.5330

# Conversions

## Conversions Part 2

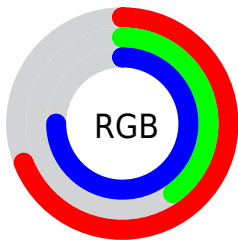
Format	Color
R <sub>Y</sub> B	176, 103, 190
Decimal	11560894
CIE Lab	54.71, 43.24, -33.81
CIE LCh	55, 54.889, 321.972
Yxy	22.6483, 0.3021, 0.2135
Android (android.graphics.Color)	4289750974 (0xFFB067BE)
YUV	134.7450, 27.2407, 36.1806
Hunter-Lab	47.5902, 36.9255, -30.7202

# Details

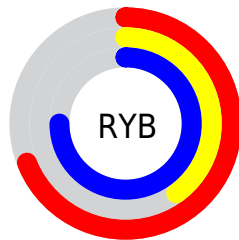
The RGB color **176, 103, 190** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **117, 190, 103**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **233, 156, 247**, and **121, 52, 136** is the 20% darker color. If you saturate the color by 10%, you get **173, 84, 190**, and if you desaturate by 10%, it is **179, 122, 190**.

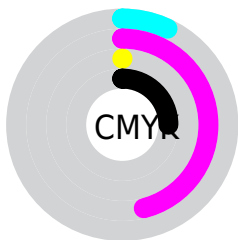
# Distribution



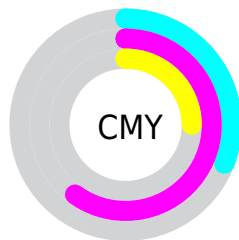
- Red (69%)
- Green (40%)
- Blue (75%)



- Red (69%)
- Yellow (40%)
- Blue (75%)



- Cyan (7%)
- Magenta (46%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (60%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 176, 103, 190 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, 103, 190 by changing the saturation by 10% instead.



 176, 103, 190

255, 255, 255


 233, 156, 247


 255, 184, 255

 255, 212, 255

 255, 240, 255

 176, 103, 190

 148, 77, 163


 121, 52, 136

 95, 26, 111

 70, 0, 86

 45, 0, 62

 19, 0, 40

 0, 1, 17

 0, 0, 0

 176, 103, 190

 176, 103, 190

173, 84, 190

179, 122, 190

170, 65, 190

182, 141, 190

167, 46, 190

185, 160, 190

164, 27, 190

188, 179, 190

161, 8, 190

191, 198, 190

159, 0, 190

194, 217, 190

197, 236, 190

200, 255, 190

204, 255, 190

# Harmonies

## Analogous

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



108, 124, 219



176, 103, 190



210, 87, 146

# Triad

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



176, 103, 190



166, 124, 27



0, 153, 165

# Complementary

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



176, 103, 190



117, 190, 103

# 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.



0, 153, 116



176, 103, 190



122, 139, 33

# Square

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



176, 103, 190



200, 105, 57



61, 148, 69



0, 150, 205

# Rectangle

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



176, 103, 190



217, 86, 114



61, 148, 69



0, 154, 149



# Sweetspot

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



176, 103, 190



242, 213, 247



103, 118, 190



122, 104, 125



252, 252, 252



125, 125, 125



# Same Dimension

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



176, 103, 190



225, 111, 247



190, 103, 161



93, 85, 94



133, 0, 158



26, 0, 31



# Inverse Universe

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



190, 103, 117



247, 111, 133



103, 190, 132



94, 85, 86



158, 0, 25

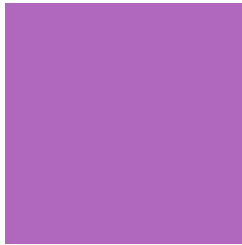


31, 0, 5



# Previews

## White Background



This preview shows how the RGB color 176, 103, 190 looks on a white background.

## Color Contrast Check

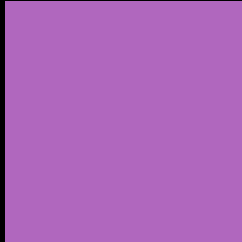
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103, 190 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

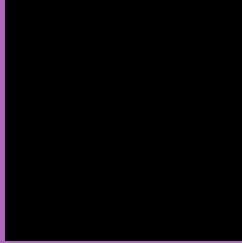
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 176, 103, 190 Background



This preview shows how black text looks on a background with the RGB color 176, 103, 190.

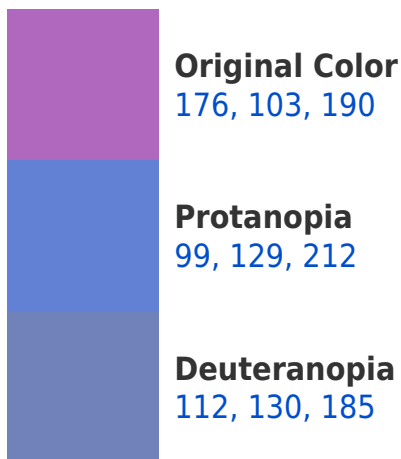


This preview shows how white text looks on a background with the RGB color 176, 103, 190.

# 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**  
167, 118, 127

# Trichromacy



**Original Color**  
176, 103, 190

**Protanomaly**  
127, 120, 204

**Deuteranomaly**  
135, 120, 187

**Tritanomaly**  
170, 113, 150

# Monochromacy



**Original Color**  
176, 103, 190

**Achromatopsia**  
135, 135, 135

**Achromatomaly**  
150, 123, 155

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 176, 103, 190 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, 103, 190)` looks like.

```
.text, #text, p{  
    color:rgb(176, 103, 190)  
}
```

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, 103, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 103, 190) }
```

## Border

The CSS property to change the border of an element to RGB 176, 103, 190 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, 103, 190) }
```

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

```
.border{ border-color:rgb(176, 103, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 103, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 103, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 103, 190);  
box-shadow:4px 4px 4px 4px rgb(176, 103,  
190) }
```

# Background

The CSS property to change the background color of an element to RGB 176, 103, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 103, 190) }
```

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

```
.background{ background-color: rgb(176,  
103, 190) }
```

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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