

Converting Colors

RGB(189, 108, 202)

Have a look what the booklet for
RGB(189, 108, 202) contains.

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Color

RGB(189, 108, 202)

Conversions

Conversions Part 1

Format	Color
Hex	BD6CCA
RGB	189, 108, 202
RGB Percent	74%, 42%, 79%
CMY	0.2588, 0.5765, 0.2078
CMYK	0.06, 0.47, 0.00, 0.21
HSL	292°, 47%, 61%
HSV	292°, 47%, 79%
XYZ	37.0095, 25.8082, 58.9080
YIQ	142.9350, 18.1020, 46.4060

Conversions

Conversions Part 2

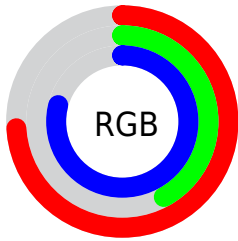
Format	Color
R _Y B	189, 108, 202
Decimal	12414154
CIE Lab	57.85, 46.78, -35.63
CIE LCh	58, 58.801, 322.701
Yxy	25.8082, 0.3040, 0.2120
Android (android.graphics.Color)	4290604234 (0xFFBD6CCA)
YUV	142.9350, 29.1190, 40.3990
Hunter-Lab	50.8018, 41.1355, -33.1894

Details

The RGB color **189, 108, 202** is a light color, and the **websafe** version is hex **CC66CC**. A complement of this color would be **121, 202, 108**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **247, 162, 255**, and **134, 56, 147** is the 20% darker color. If you saturate the color by 10%, you get **186, 88, 202**, and if you desaturate by 10%, it is **192, 128, 202**.

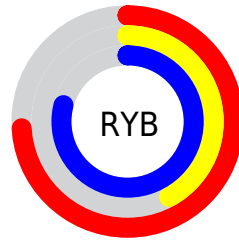
Distribution



Red (74%)

Green (42%)

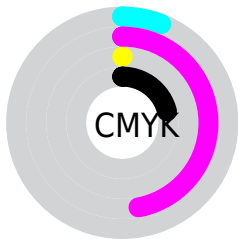
Blue (79%)



Red (74%)

Yellow (42%)

Blue (79%)

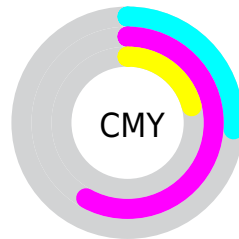


Cyan (6%)

Magenta (47%)

Yellow (0%)

Black (21%)



Cyan (26%)


Magenta (58%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the RGB color 189, 108, 202 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 189, 108, 202 by changing the saturation by 10% instead.

 189, 108, 202

 218, 135, 230


 247, 162, 255

 255, 189, 255

 255, 218, 255

 255, 247, 255

 255, 255, 255

 189, 108, 202

 161, 82, 174

 134, 56, 147

 107, 29, 121

 81, 0, 96

 55, 0, 72

 33, 0, 49

 0, 1, 27

 0, 0, 0

 189, 108, 202

 186, 88, 202

 183, 68, 202

 181, 47, 202

 178, 27, 202

 175, 7, 202

 174, 0, 202

 189, 108, 202

 192, 128, 202

 195, 148, 202

 197, 169, 202

 200, 189, 202

 203, 209, 202

 206, 229, 202

■ 209, 249, 202

■ 211, 255, 202

■ 214, 255, 202

Harmonies

Analogous

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



116, 131, 234



189, 108, 202



225, 91, 154

Triad

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



189, 108, 202



176, 132, 24



0, 163, 177

Complementary

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



189, 108, 202



121, 202, 108

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, 163, 124



189, 108, 202



127, 148, 32

Square

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



189, 108, 202



212, 111, 57



59, 158, 73



0, 159, 220

Rectangle

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



189, 108, 202



232, 90, 119



59, 158, 73



0, 164, 160

Sweetspot

The sweet spot groups the original color and five complimentary colors.



189, 108, 202



250, 219, 255



108, 122, 202



125, 106, 128



0, 0, 0



128, 128, 128

Previews

White Background



This preview shows how the RGB color 189, 108, 202 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

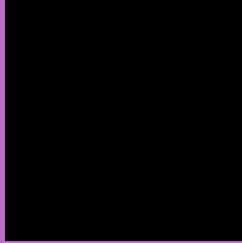
Any Text WCAG AA ✓ Pass

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 189, 108, 202 Background



This preview shows how black text looks on a background with the RGB color 189, 108, 202.

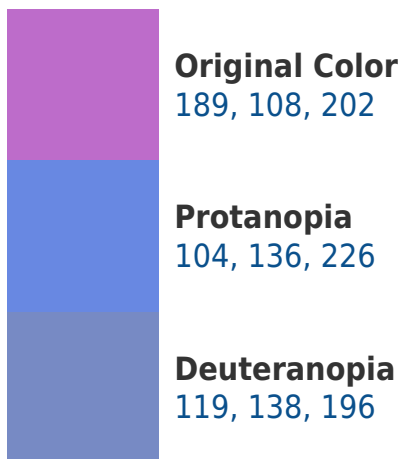


This preview shows how white text looks on a background with the RGB color 189, 108, 202.

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
180, 124, 133

Trichromacy



Original Color

189, 108, 202



Protanomaly

135, 126, 217



Deuteranomaly

144, 127, 198



Tritanomaly

183, 118, 158

Monochromacy



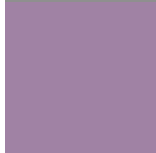
Original Color

189, 108, 202



Achromatopsia

143, 143, 143



Achromatomaly

160, 130, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 108, 202 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(189, 108, 202)` looks like.

```
.text, #text, p{  
    color:rgb(189, 108, 202)  
}
```


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(189, 108, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 108, 202) }
```

Border

The CSS property to change the border of an element to RGB 189, 108, 202 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(189, 108, 202) }
```

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

```
.border{ border-color:rgb(189, 108, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 108, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 108, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 108, 202);  
box-shadow:4px 4px 4px 4px rgb(189, 108,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 189, 108, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 108, 202) }
```

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

```
.background{ background-color: rgb(189,  
108, 202) }
```

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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