

Converting Colors

RGB(189, 101, 198)

Have a look what the booklet for
RGB(189, 101, 198) contains.

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Color

RGB(189, 101, 198)

Conversions

Conversions Part 1

Format	Color
Hex	BD65C6
RGB	189, 101, 198
RGB Percent	74%, 40%, 78%
CMY	0.2588, 0.6039, 0.2235
CMYK	0.05, 0.49, 0.00, 0.22
HSL	294°, 46%, 59%
HSV	294°, 49%, 78%
XYZ	35.8330, 24.2034, 56.2092
YIQ	138.3700, 21.3110, 48.8230

Conversions

Conversions Part 2

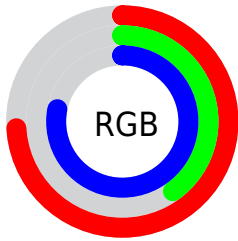
Format	Color
RYB	189, 101, 198
Decimal	12412358
CIELab	56.29, 49.60, -35.80
CIElCh	56, 61.174, 324.181
Yxy	24.2034, 0.3083, 0.2082
Android (android.graphics.Color)	4290602438 (0xFFBD65C6)
YUV	138.3700, 29.3976, 44.4025
Hunter-Lab	49.1969, 43.9172, -33.3030

Details

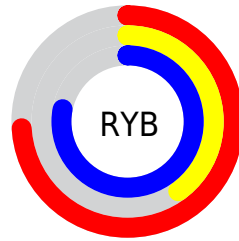
The RGB color **189, 101, 198** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **110, 198, 101**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **247, 155, 255**, and **133, 48, 144** is the 20% darker color. If you saturate the color by 10%, you get **187, 81, 198**, and if you desaturate by 10%, it is **191, 121, 198**.

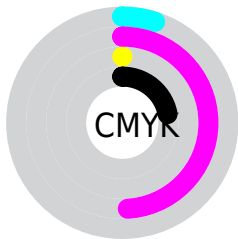
Distribution



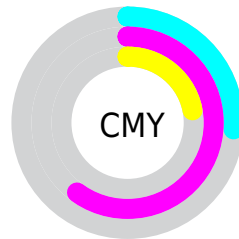
- Red (74%)
- Green (40%)
- Blue (78%)



- Red (74%)
- Yellow (40%)
- Blue (78%)



- Cyan (5%)
- Magenta (49%)
- Yellow (0%)
- Black (22%)



- Cyan (26%)
- Magenta (60%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RGB color 189, 101, 198 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, 101, 198 by changing the saturation by 10% instead.

 189, 101, 198

 189, 101, 198

255, 255, 255

 161, 75, 170

 247, 155, 255

 133, 48, 144

 255, 183, 255


 107, 19, 118

 255, 211, 255

 80, 0, 93

 255, 240, 255


 55, 0, 69

 31, 0, 46

 0, 1, 24

 0, 0, 0

 189, 101, 198

 189, 101, 198

■ 187, 81, 198

■ 191, 121, 198

■ 185, 61, 198

■ 193, 141, 198

■ 183, 42, 198

■ 195, 160, 198

■ 182, 22, 198

■ 196, 180, 198

■ 180, 2, 198

■ 198, 200, 198

■ 180, 0, 198

■ 200, 220, 198

■ 202, 240, 198

■ 204, 255, 198

■ 206, 255, 198

Harmonies

Analogous

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



114, 125, 233



189, 101, 198



224, 83, 148

Triad

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



189, 101, 198



170, 129, 5



0, 160, 177

Complementary

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



189, 101, 198



110, 198, 101

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, 159, 122



189, 101, 198



119, 145, 21

Square

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



189, 101, 198



208, 107, 48



42, 155, 69



0, 155, 221

Rectangle

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



189, 101, 198



231, 83, 112



42, 155, 69



0, 160, 159

Sweetspot

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



189, 101, 198



251, 217, 255



101, 111, 198



125, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 101, 198



241, 105, 255



198, 101, 159



99, 90, 99



148, 0, 163



32, 0, 36

Inverse Universe

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



198, 101, 110



255, 105, 119



101, 198, 140



99, 90, 90



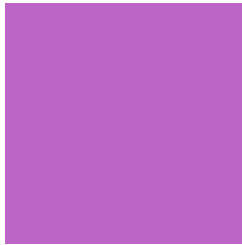
163, 0, 15



36, 0, 3

Previews

White Background



This preview shows how the RGB color 189, 101, 198 looks on a white background.

Color Contrast Check

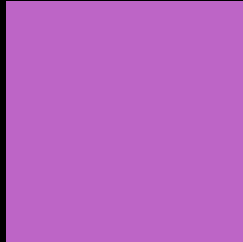
Large Text (above 18pt) WCAG AA ✓ Pass

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 189, 101, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

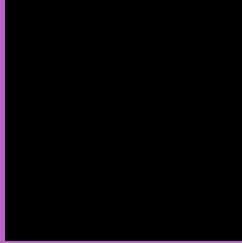
Any Text WCAG AA ✓ Pass

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 189, 101, 198 Background



This preview shows how black text looks on a background with the RGB color 189, 101, 198.

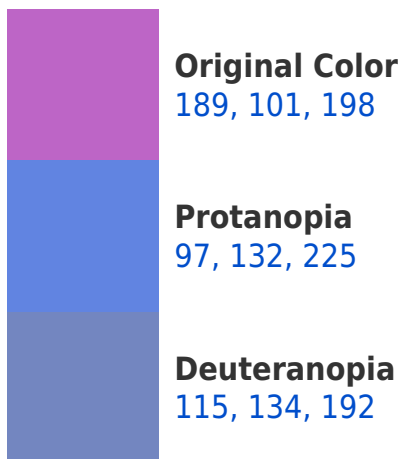



This preview shows how white text looks on a background with the RGB color 189, 101, 198.

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, 118, 127

Trichromacy



Original Color

189, 101, 198



Protanomaly

130, 121, 215



Deuteranomaly

142, 122, 194



Tritanomaly

183, 112, 153

Monochromacy



Original Color

189, 101, 198



Achromatopsia

138, 138, 138



Achromatomaly

157, 125, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 101, 198 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, 101, 198)` looks like.

```
.text, #text, p{  
    color:rgb(189, 101, 198)  
}
```

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, 101, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 101, 198) }
```

Border

The CSS property to change the border of an element to RGB 189, 101, 198 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, 101, 198) }
```

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

```
.border{ border-color:rgb(189, 101, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 101, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 101, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 101, 198);  
box-shadow:4px 4px 4px 4px rgb(189, 101,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 189, 101, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 101, 198) }
```

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

```
.background{ background-color: rgb(189,  
101, 198) }
```

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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