

Converting Colors

RGB(189, 115, 194)

Have a look what the booklet for
RGB(189, 115, 194) contains.

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Color

RGB(189, 115, 194)

Conversions

Conversions Part 1

Format	Color
Hex	BD73C2
RGB	189, 115, 194
RGB Percent	74%, 45%, 76%
CMY	0.2588, 0.5490, 0.2392
CMYK	0.03, 0.41, 0.00, 0.24
HSL	296°, 39%, 61%
HSV	296°, 41%, 76%
XYZ	36.8546, 26.9753, 54.3032
YIQ	146.1320, 18.7450, 40.2570

Conversions

Conversions Part 2

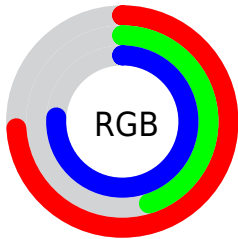
Format	Color
R_{YB}	189, 115, 194
Decimal	12415938
CIE _{Lab}	58.95, 41.54, -29.38
CIE _{LCh}	59, 50.877, 324.728
Yxy	26.9753, 0.3120, 0.2283
Android (android.graphics.Color)	4290606018 (0xFFBD73C2)
YUV	146.1320, 23.5989, 37.5952
Hunter-Lab	51.9378, 35.7710, -25.6339

Details

The RGB color **189, 115, 194** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **120, 194, 115**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **247, 169, 251**, and **134, 64, 140** is the 20% darker color. If you saturate the color by 10%, you get **188, 96, 194**, and if you desaturate by 10%, it is **190, 134, 194**.

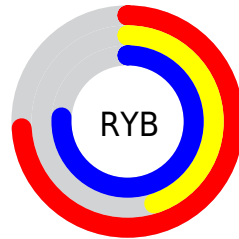
Distribution



Red (74%)

Green (45%)

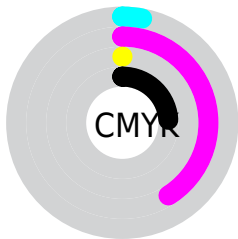
Blue (76%)



Red (74%)

Yellow (45%)

Blue (76%)

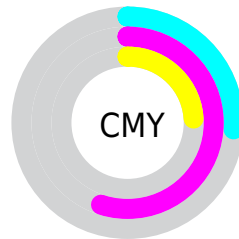


Cyan (3%)

Magenta (41%)

Yellow (0%)

Black (24%)



Cyan (26%)

Magenta (55%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 115, 194 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, 115, 194 by changing the saturation by 10% instead.

 189, 115, 194

255, 255, 255

 247, 169, 251


 255, 196, 255

 255, 225, 255

255, 254, 255

 189, 115, 194

 189, 115, 194

 161, 89, 167

 134, 64, 140

 108, 39, 114

 82, 10, 89


 57, 0, 66

 36, 0, 43

 0, 1, 21


 0, 0, 0

 189, 115, 194

 188, 96, 194

 190, 134, 194

 187, 76, 194

 191, 154, 194

 185, 57, 194

 193, 173, 194

 184, 37, 194

 194, 193, 194

 183, 18, 194

 195, 212, 194

 182, 0, 194

 196, 231, 194

 198, 251, 194

 199, 255, 194

 200, 255, 194

Harmonies

Analogous

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



130, 133, 223



189, 115, 194



219, 103, 152

Triad

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



189, 115, 194



173, 137, 48



0, 164, 178

Complementary

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



189, 115, 194



120, 194, 115

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, 132



189, 115, 194



130, 150, 56

Square

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



189, 115, 194



206, 120, 70



74, 159, 88



0, 159, 214

Rectangle

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



189, 115, 194



225, 103, 122



74, 159, 88



0, 164, 163

Sweetspot

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



189, 115, 194



251, 222, 252



115, 120, 194



126, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 115, 194



245, 129, 252



194, 115, 160



96, 87, 97



150, 0, 161



31, 0, 33

Inverse Universe

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



194, 115, 120



252, 129, 137



115, 194, 149



97, 87, 88



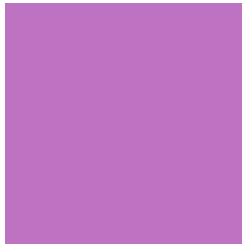
161, 0, 10



33, 0, 2

Previews

White Background



This preview shows how the RGB color 189, 115, 194 looks on a white background.

Color Contrast Check

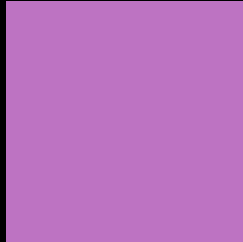
Large Text (above 18pt) WCAG AA ✓ Pass

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, 115, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

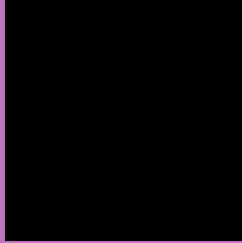
Any Text WCAG AA ✓ Pass

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, 115, 194 Background



This preview shows how black text looks on a background with the RGB color 189, 115, 194.

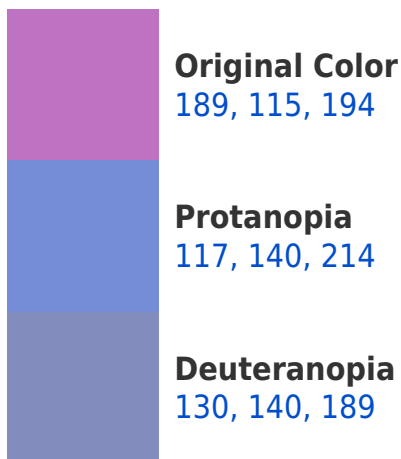


This preview shows how white text looks on a background with the RGB color 189, 115, 194.

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

181, 127, 137

Trichromacy



Original Color

189, 115, 194



Protanomaly

143, 131, 207



Deuteranomaly

151, 131, 191



Tritanomaly

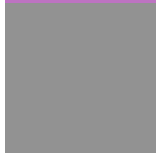
184, 123, 158

Monochromacy



Original Color

189, 115, 194



Achromatopsia

146, 146, 146



Achromatomaly

162, 135, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 115, 194 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, 115, 194)` looks like.

```
.text, #text, p{  
    color:rgb(189, 115, 194)  
}
```

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, 115, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 115, 194) }
```

Border

The CSS property to change the border of an element to RGB 189, 115, 194 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, 115, 194) }
```

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

```
.border{ border-color:rgb(189, 115, 194) }
```

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

Here you see how a box with a 4 pixel rgb(189, 115, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 115, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 115, 194);  
box-shadow:4px 4px 4px 4px rgb(189, 115,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 189, 115, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 115, 194) }
```

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

```
.background{ background-color: rgb(189,  
115, 194) }
```

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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