

Converting Colors

RGB(180, 115, 194)

Have a look what the booklet for
RGB(180, 115, 194) contains.

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Color

RGB(180, 115, 194)

Conversions

Conversions Part 1

Format	Color
Hex	B473C2
RGB	180, 115, 194
RGB Percent	71%, 45%, 76%
CMY	0.2941, 0.5490, 0.2392
CMYK	0.07, 0.41, 0.00, 0.24
HSL	289°, 39%, 61%
HSV	289°, 41%, 76%
XYZ	34.6907, 25.8598, 54.2020
YIQ	143.4410, 13.3810, 38.3490

Conversions

Conversions Part 2

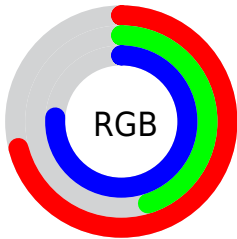
Format	Color
RYB	180, 115, 194
Decimal	11826114
CIELab	57.90, 38.77, -31.09
CIELCh	58, 49.696, 321.279
Yxy	25.8598, 0.3023, 0.2254
Android (android.graphics.Color)	4290016194 (0xFFB473C2)
YUV	143.4410, 24.9256, 32.0622
Hunter-Lab	50.8525, 32.7777, -27.5984

Details

The RGB color **180, 115, 194** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **129, 194, 115**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **237, 168, 251**, and **126, 65, 140** is the 20% darker color. If you saturate the color by 10%, you get **177, 96, 194**, and if you desaturate by 10%, it is **183, 134, 194**.

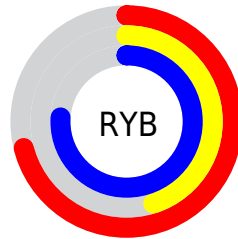
Distribution



Red (71%)

Green (45%)

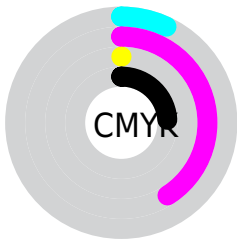
Blue (76%)



Red (71%)

Yellow (45%)

Blue (76%)

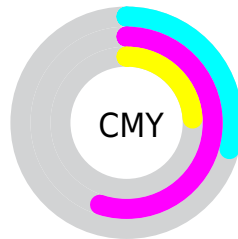


Cyan (7%)

Magenta (41%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (55%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 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 180, 115, 194 by changing the saturation by 10% instead.

 180, 115, 194

255, 255, 255

 237, 168, 251

 255, 196, 255


 255, 224, 255


 255, 253, 255

 180, 115, 194

 152, 89, 167

 126, 65, 140

 100, 40, 114

 74, 14, 89

 49, 0, 66

 29, 0, 43

 0, 1, 21

 0, 0, 0

 180, 115, 194

 180, 115, 194

■ 177, 96, 194

■ 183, 134, 194

■ 173, 76, 194

■ 187, 154, 194

■ 170, 57, 194

■ 190, 173, 194

■ 166, 37, 194

■ 194, 193, 194

■ 163, 18, 194

■ 197, 212, 194

■ 160, 0, 194

■ 201, 231, 194

■ 204, 251, 194

■ 208, 255, 194

■ 211, 255, 194

Harmonies

Analogous

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



120, 133, 220



180, 115, 194



212, 102, 154

Triad

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



180, 115, 194



174, 132, 49



0, 160, 169

Complementary

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



180, 115, 194



129, 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, 160, 125



180, 115, 194



133, 146, 53

Square

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



180, 115, 194



205, 116, 72



81, 155, 82



0, 157, 206

Rectangle

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



180, 115, 194



220, 101, 124



81, 155, 82



0, 161, 155

Sweetspot

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



180, 115, 194



247, 222, 252



115, 129, 194



124, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



180, 115, 194



231, 129, 252



194, 115, 169



95, 87, 97



132, 0, 161



27, 0, 33

Inverse Universe

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



194, 115, 129



252, 129, 151



115, 194, 140



97, 87, 89



161, 0, 28



33, 0, 6

Previews

White Background



This preview shows how the RGB color 180, 115, 194 looks on a white background.

Color Contrast Check

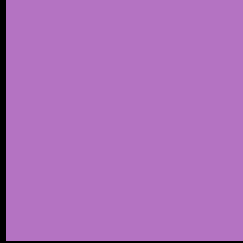
Large Text (above 18pt) WCAG AA ✓ Pass

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 180, 115, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

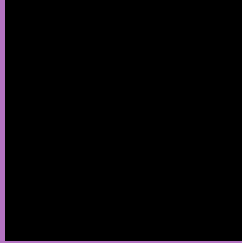
Any Text WCAG AA ✓ Pass

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 180, 115, 194 Background



This preview shows how black text looks on a background with the RGB color 180, 115, 194.

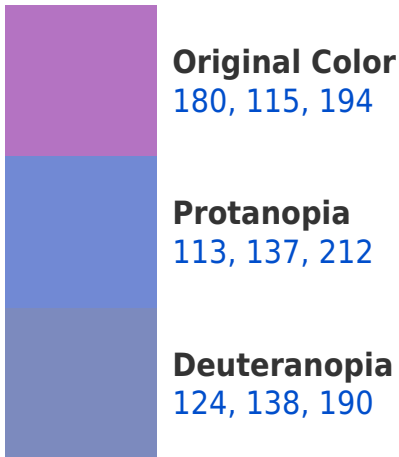


This preview shows how white text looks on a background with the RGB color 180, 115, 194.

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
172, 127, 137

Trichromacy



Original Color

180, 115, 194



Protanomaly

137, 129, 205



Deuteranomaly

144, 130, 191



Tritanomaly

175, 123, 158

Monochromacy



Original Color

180, 115, 194



Achromatopsia

143, 143, 143



Achromatomaly

156, 133, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 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(180, 115, 194)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 115, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 115, 194) }
```

Border

The CSS property to change the border of an element to RGB 180, 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(180, 115, 194) }
```

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

```
.border{ border-color:rgb(180, 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(180, 115, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 115, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 115, 194);  
box-shadow:4px 4px 4px 4px rgb(180, 115,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 180, 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(180, 115, 194) }
```

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

```
.background{ background-color: rgb(180,  
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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