

Converting Colors

RGB(197, 118, 181)

Have a look what the booklet for
RGB(197, 118, 181) contains.

RGB(197, 118, 181)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(197, 118, 181)

Conversions

Conversions Part 1

Format	Color
Hex	C576B5
RGB	197, 118, 181
RGB Percent	77%, 46%, 71%
CMY	0.2275, 0.5373, 0.2902
CMYK	0.00, 0.40, 0.08, 0.23
HSL	312°, 41%, 62%
HSV	312°, 40%, 77%
XYZ	37.8449, 28.1634, 47.1575
YIQ	148.8030, 26.8610, 36.3410

Conversions

Conversions Part 2

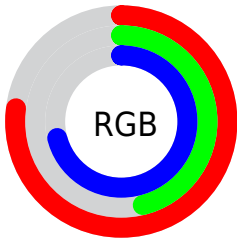
Format	Color
RYB	197, 118, 181
Decimal	12940981
CIELab	60.04, 40.10, -20.22
CIElCh	60, 44.910, 333.238
Yxy	28.1634, 0.3344, 0.2489
Android (android.graphics.Color)	4291131061 (0xFFC576B5)
YUV	148.8030, 15.8731, 42.2688
Hunter-Lab	53.0692, 34.4215, -15.5369

Details

The RGB color **197, 118, 181** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **118, 197, 134**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **255, 172, 237**, and **142, 67, 128** is the 20% darker color. If you saturate the color by 10%, you get **197, 98, 177**, and if you desaturate by 10%, it is **197, 138, 185**.

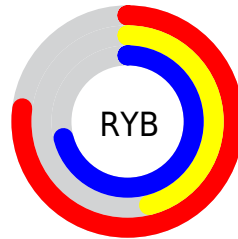
Distribution



Red (77%)

Green (46%)

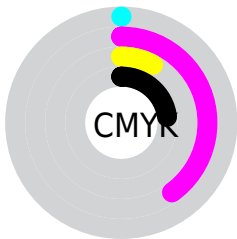
Blue (71%)



Red (77%)

Yellow (46%)

Blue (71%)

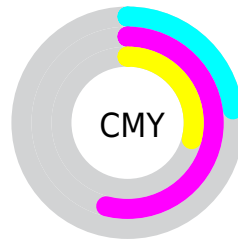


Cyan (0%)

Magenta (40%)

Yellow (8%)

Black (23%)



Cyan (23%)

Magenta (54%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 197, 118, 181 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 197, 118, 181 by changing the saturation by 10% instead.

 197, 118, 181

255, 255, 255

 255, 172, 237

 255, 200, 255


 255, 228, 255

 197, 118, 181

 169, 92, 154

 142, 67, 128

 115, 42, 103

 89, 14, 79

 64, 0, 56

 43, 0, 34

 0, 0, 7

 0, 0, 0

 197, 118, 181

 197, 118, 181

■ 197, 98, 177

■ 197, 138, 185

■ 197, 79, 173

■ 197, 157, 189

■ 197, 59, 169

■ 197, 177, 193

■ 197, 39, 165

■ 197, 197, 197

■ 197, 20, 161

■ 197, 217, 201

■ 197, 0, 157

■ 197, 236, 205

■ 197, 255, 209

■ 197, 255, 213

■ 197, 255, 217

Harmonies

Analogous

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



153, 133, 211



197, 118, 181



217, 111, 142

Triad

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



197, 118, 181



164, 144, 63



0, 164, 187

Complementary

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



197, 118, 181



118, 197, 134

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, 165, 148



197, 118, 181



123, 155, 76

Square

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



197, 118, 181



196, 130, 74



70, 162, 108



0, 158, 215

Rectangle

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



197, 118, 181



219, 113, 116



70, 162, 108



0, 164, 175

Sweetspot

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



197, 118, 181



255, 224, 249



134, 118, 197



128, 110, 124



0, 0, 0



128, 128, 128

Same Dimension

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



197, 118, 181



255, 133, 230



197, 118, 142



99, 90, 97



163, 0, 130



36, 0, 28

Inverse Universe

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



197, 118, 181



255, 133, 230



118, 197, 173



99, 90, 97



163, 0, 130



36, 0, 28

Previews

White Background



This preview shows how the RGB color 197, 118, 181 looks on a white background.

Color Contrast Check

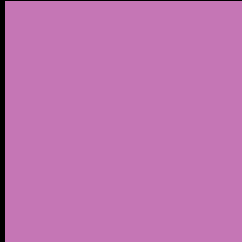
Large Text (above 18pt) WCAG AA ✓ Pass

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 197, 118, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

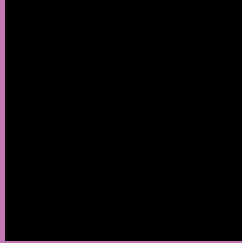
Any Text WCAG AA ✓ Pass

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 197, 118, 181 Background



This preview shows how black text looks on a background with the RGB color 197, 118, 181.

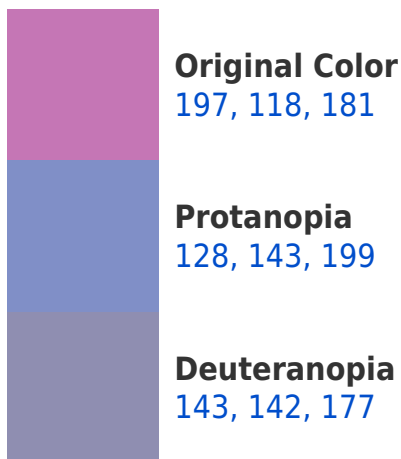


This preview shows how white text looks on a background with the RGB color 197, 118, 181.

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
192, 127, 137

Trichromacy



Original Color

197, 118, 181



Protanomaly

153, 134, 192



Deuteranomaly

163, 133, 178



Tritanomaly

194, 124, 153

Monochromacy



Original Color

197, 118, 181



Achromatopsia

149, 149, 149



Achromatomaly

166, 138, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 197, 118, 181 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(197, 118, 181)` looks like.

```
.text, #text, p{  
    color:rgb(197, 118, 181)  
}
```

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(197, 118, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 118, 181) }
```

Border

The CSS property to change the border of an element to RGB 197, 118, 181 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(197, 118, 181) }
```

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

```
.border{ border-color:rgb(197, 118, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 118, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 118, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 118, 181);  
box-shadow:4px 4px 4px 4px rgb(197, 118,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 197, 118, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 118, 181) }
```

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

```
.background{ background-color: rgb(197,  
118, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor