

Converting Colors

RGB(199, 80, 175)

Have a look what the booklet for
RGB(199, 80, 175) contains.

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Color

RGB(199, 80, 175)

Conversions

Conversions Part 1

Format	Color
Hex	C750AF
RGB	199, 80, 175
RGB Percent	78%, 31%, 69%
CMY	0.2196, 0.6863, 0.3137
CMYK	0.00, 0.60, 0.12, 0.22
HSL	312°, 52%, 55%
HSV	312°, 60%, 78%
XYZ	34.1597, 20.9746, 42.8055
YIQ	126.4110, 40.4290, 54.7730

Conversions

Conversions Part 2

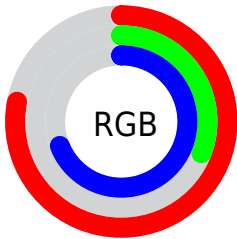
Format	Color
R _Y B	199, 80, 175
Decimal	13062319
CIE _{Lab}	52.92, 58.41, -27.68
CIE _{LCh}	53, 64.642, 334.644
Yxy	20.9746, 0.3488, 0.2142
Android (android.graphics.Color)	4291252399 (0xFFC750AF)
YUV	126.4110, 23.9544, 63.6606
Hunter-Lab	45.7980, 52.9926, -23.3573

Details

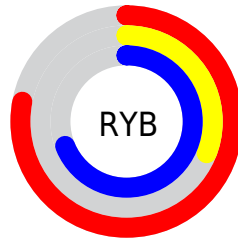
The RGB color **199, 80, 175** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **80, 199, 104**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **255, 135, 231**, and **142, 15, 122** is the 20% darker color. If you saturate the color by 10%, you get **199, 60, 171**, and if you desaturate by 10%, it is **199, 100, 179**.

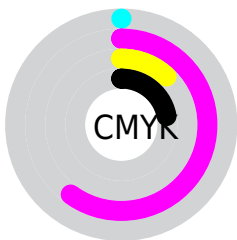
Distribution



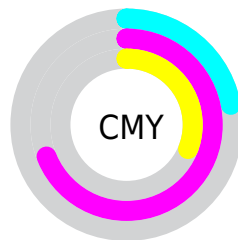
- Red (78%)
- Green (31%)
- Blue (69%)



- Red (78%)
- Yellow (31%)
- Blue (69%)



- Cyan (0%)
- Magenta (60%)
- Yellow (12%)
- Black (22%)



- Cyan (22%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 80, 175 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 199, 80, 175 by changing the saturation by 10% instead.

 199, 80, 175

255, 255, 255

 255, 135, 231

 255, 163, 255

 255, 192, 255

 255, 221, 255

 255, 250, 255

 199, 80, 175

 170, 51, 148

 142, 15, 122

 114, 0, 97

 87, 0, 73

 62, 0, 50

 35, 0, 28

 0, 0, 0

 199, 80, 175

 199, 60, 171

 199, 80, 175

 199, 100, 179

 199, 40, 167

 199, 120, 183

 199, 20, 163

 199, 140, 187

 199, 0, 159

 199, 160, 191

 199, 0, 159

 199, 180, 195

 199, 199, 199

 199, 219, 203

 199, 239, 207

 199, 255, 211

Harmonies

Analogous

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



137, 107, 219



199, 80, 175



224, 65, 120

Triad

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



199, 80, 175



144, 127, 0



0, 151, 188

Complementary

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



199, 80, 175



80, 199, 104

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, 151, 134



199, 80, 175



86, 141, 16

Square

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



199, 80, 175



189, 105, 11



0, 148, 76



0, 144, 227

Rectangle

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



199, 80, 175



223, 73, 84



0, 148, 76



0, 151, 171

Sweetspot

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



199, 80, 175



255, 209, 246



104, 80, 199



128, 99, 122



0, 0, 0



128, 128, 128

Same Dimension

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



199, 80, 175



255, 71, 218



199, 80, 116



99, 90, 97



163, 0, 130



36, 0, 28

Inverse Universe

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



199, 80, 175



255, 71, 218



80, 199, 163



99, 90, 97



163, 0, 130



36, 0, 29

Previews

White Background



This preview shows how the RGB color 199, 80, 175 looks on a white background.

Color Contrast Check

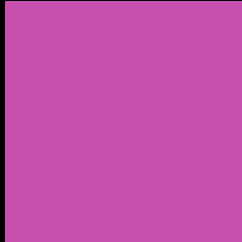
Large Text (above 18pt) WCAG AA ✓ Pass

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 199, 80, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

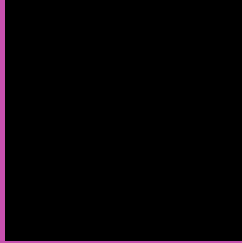
Any Text WCAG AA ✓ Pass

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 199, 80, 175 Background



This preview shows how black text looks on a background with the RGB color 199, 80, 175.

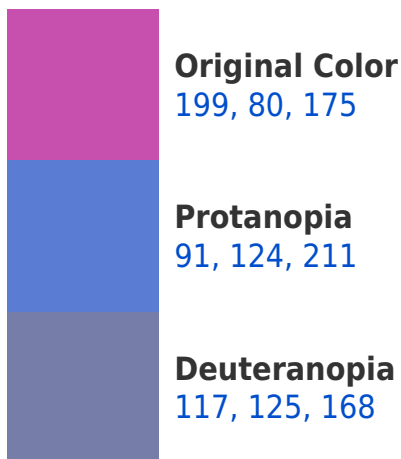


This preview shows how white text looks on a background with the RGB color 199, 80, 175.

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, 98, 105

Trichromacy



Original Color

199, 80, 175



Protanomaly

130, 108, 198



Deuteranomaly

147, 109, 171



Tritanomaly

195, 91, 130

Monochromacy



Original Color

199, 80, 175



Achromatopsia

126, 126, 126



Achromatomaly

153, 109, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 80, 175 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(199, 80, 175)` looks like.

```
.text, #text, p{  
    color:rgb(199, 80, 175)  
}
```

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(199, 80, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 80, 175) }
```

Border

The CSS property to change the border of an element to RGB 199, 80, 175 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(199, 80, 175) }
```

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

```
.border{ border-color:rgb(199, 80, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 80, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 80, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 80, 175);  
box-shadow:4px 4px 4px 4px rgb(199, 80,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 199, 80, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 80, 175) }
```

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

```
.background{ background-color: rgb(199, 80,  
175) }
```

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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