

Converting Colors

`RYB(198, 81, 194)`

Have a look what the booklet for RYB(198, 81, 194) contains.

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Color

RYB(198, 81, 194)

Conversions

Conversions Part 1

Format	Color
Hex	C651C2
RGB	198, 81, 194
RGB Percent	78%, 32%, 76%
CMY	0.2235, 0.6824, 0.2392
CMYK	0.00, 0.59, 0.02, 0.22
HSL	302°, 51%, 55%
HSV	302°, 59%, 78%
XYZ	35.9687, 21.7857, 53.3482
YIQ	128.8650, 33.4590, 59.9470

Conversions

Conversions Part 2

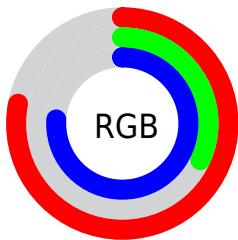
Format	Color
RYB	198, 81, 194
Decimal	12997058
CIELab	53.80, 60.80, -37.33
CIELCh	54, 71.345, 328.453
Yxy	21.7857, 0.3237, 0.1961
Android (android.graphics.Color)	4291187138 (0xFFC651C2)
YUV	128.8650, 32.1116, 60.6314
Hunter-Lab	46.6751, 55.8740, -35.0941

Details

The RYB color **198, 81, 194** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **81, 194, 198**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **255, 137, 251**, and **141, 16, 140** is the 20% darker color. If you saturate the color by 10%, you get **198, 61, 193**, and if you desaturate by 10%, it is **198, 101, 195**.

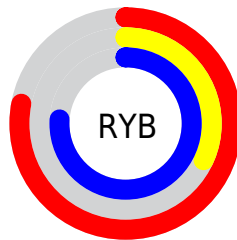
Distribution



Red (78%)

Green (32%)

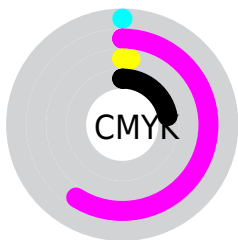
Blue (76%)



Red (78%)

Yellow (32%)

Blue (76%)

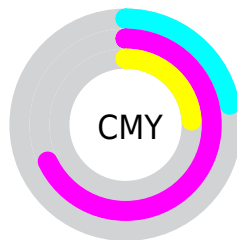


Cyan (0%)

Magenta (59%)

Yellow (2%)

Black (22%)



Cyan (22%)

Magenta (68%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 81, 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 RYB color 198, 81, 194 by changing the saturation by 10% instead.


 198, 81, 194

 198, 81, 194

255, 255, 255

 169, 52, 167

 255, 137, 251

 141, 16, 140

 255, 165, 255

 113, 0, 114

 255, 193, 255

 86, 0, 89

 255, 222, 255

 60, 0, 65

 255, 252, 255

 34, 0, 42

 0, 1, 20

 0, 0, 0

 198, 81, 194

 198, 81, 194

■ 198, 61, 193

■ 198, 101, 195

■ 198, 41, 193

■ 198, 121, 195

■ 198, 22, 192

■ 198, 140, 196

■ 198, 2, 191

■ 198, 160, 197

■ 198, 0, 191

■ 198, 180, 197

■ 198, 200, 200

■ 198, 219, 220

■ 198, 238, 239

■ 198, 253, 255

Harmonies

Analogous

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



116, 114, 238



198, 81, 194



233, 56, 135

Triad

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



198, 81, 194



42, 158, 0



0, 85, 186

Complementary

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



198, 81, 194



81, 194, 198

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, 86, 155



198, 81, 194



0, 142, 45

Square

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



198, 81, 194



204, 178, 8



0, 109, 151



0, 92, 233

Rectangle

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



198, 81, 194



236, 60, 94



0, 109, 151



0, 80, 166

Sweetspot

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



198, 81, 194



255, 209, 253



85, 81, 198



128, 99, 127



0, 0, 0



128, 128, 128

Same Dimension

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



198, 81, 194



255, 74, 249



198, 81, 136



99, 90, 99



163, 0, 158



36, 0, 34

Inverse Universe

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



198, 81, 194



255, 74, 249



81, 157, 198



99, 90, 99



163, 0, 158



36, 0, 34

Previews

White Background



This preview shows how the RYB color 198, 81, 194 looks on a white background.

Color Contrast Check

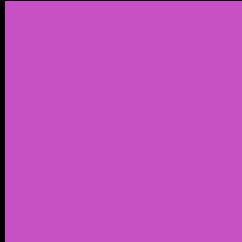
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 198, 81, 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](#).

RYB 198, 81, 194 Background



This preview shows how black text looks on a background with the RYB color 198, 81, 194.

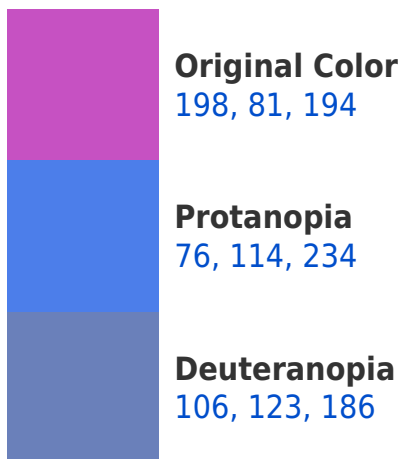



This preview shows how white text looks on a background with the RYB color 198, 81, 194.

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
188, 104, 111

Trichromacy



Original Color

198, 81, 194



Protanomaly

120, 110, 219



Deuteranomaly

139, 111, 189



Tritanomaly

192, 96, 141

Monochromacy



Original Color

198, 81, 194



Achromatopsia

129, 129, 129



Achromatomaly

154, 112, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 81, 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(198, 81, 194)` looks like.

```
.text, #text, p{  
    color:rgb(198, 81, 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(198, 81, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 81, 194) }
```

Border

The CSS property to change the border of an element to RYB 198, 81, 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(198, 81, 194) }
```

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

```
.border{ border-color:rgb(198, 81, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 81, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 81, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 81, 194);  
box-shadow:4px 4px 4px 4px rgb(198, 81,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 198, 81, 194 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 81, 194) }
```

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

```
.background{ background-color: rgb(198, 81,  
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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