

Converting Colors

`RYB(198, 118, 202)`

Have a look what the booklet for
RYB(198, 118, 202) contains.

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Color

$\text{RYB}(198, 118, 202)$

Conversions

Conversions Part 1

Format	Color
Hex	C676CA
RGB	198, 118, 202
RGB Percent	78%, 46%, 79%
CMY	0.2235, 0.5373, 0.2078
CMYK	0.02, 0.42, 0.00, 0.21
HSL	297°, 44%, 63%
HSV	297°, 42%, 79%
XYZ	40.4278, 29.2269, 59.3877
YIQ	151.4960, 20.7160, 43.0840

Conversions

Conversions Part 2

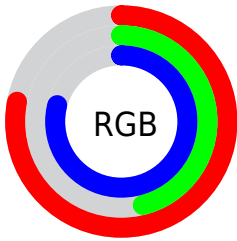
Format	Color
RYB	198, 118, 202
Decimal	13006538
CIELab	60.98, 44.21, -30.68
CIElCh	61, 53.813, 325.238
Yxy	29.2269, 0.3133, 0.2265
Android (android.graphics.Color)	4291196618 (0xFFC676CA)
YUV	151.4960, 24.8985, 40.7840
Hunter-Lab	54.0619, 38.8750, -27.2875

Details

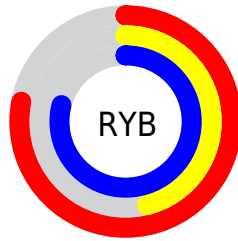
The RYB color **198, 118, 202** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **118, 202, 198**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **255, 172, 255**, and **142, 66, 148** is the 20% darker color. If you saturate the color by 10%, you get **197, 98, 202**, and if you desaturate by 10%, it is **199, 138, 202**.

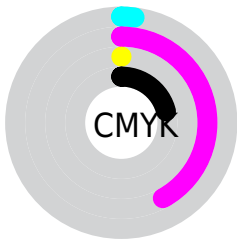
Distribution



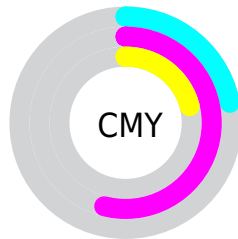
- Red (78%)
- Green (46%)
- Blue (79%)



- Red (78%)
- Yellow (46%)
- Blue (79%)



- Cyan (2%)
- Magenta (42%)
- Yellow (0%)
- Black (21%)



- Cyan (22%)
- Magenta (54%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 118, 202 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, 118, 202 by changing the saturation by 10% instead.


 198, 118, 202

255, 255, 255

 255, 172, 255

 255, 200, 255

 255, 228, 255

 198, 118, 202

 170, 92, 174

 142, 66, 148

 116, 41, 122

 89, 11, 96


 64, 0, 72

 42, 0, 50

 0, 0, 28

 0, 0, 0

 198, 118, 202

 198, 118, 202

197, 98, 202

199, 138, 202

196, 78, 202

200, 158, 202

195, 57, 202

201, 179, 202

194, 37, 202

202, 199, 202

193, 17, 202

202, 219, 218

192, 0, 202

202, 239, 237

202, 255, 252

202, 255, 251

202, 255, 250

Harmonies

Analogous

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



136, 138, 233



198, 118, 202



229, 105, 157

Triad

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



198, 118, 202



99, 180, 46



0, 89, 186

Complementary

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



198, 118, 202



118, 202, 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, 94, 170



198, 118, 202



55, 156, 77

Square

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



198, 118, 202



215, 157, 69



72, 151, 166



0, 95, 224

Rectangle

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



198, 118, 202



235, 105, 125



72, 151, 166



0, 85, 171

Sweetspot

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



198, 118, 202



254, 224, 255



118, 122, 202



127, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



198, 118, 202



249, 128, 255



202, 118, 164



102, 92, 102



158, 0, 166



36, 0, 38

Inverse Universe

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



202, 118, 122



255, 128, 134



118, 176, 202



102, 92, 92



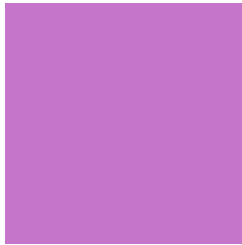
166, 0, 8



38, 0, 2

Previews

White Background



This preview shows how the RYB color 198, 118, 202 looks on a white background.

Color Contrast Check

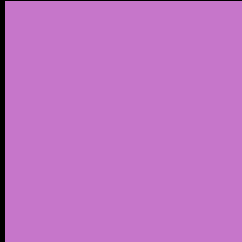
Large Text (above 18pt) WCAG AA ✓ Pass

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, 118, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

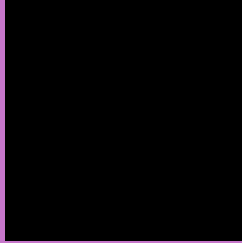
Any Text WCAG AA ✓ Pass

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, 118, 202 Background



This preview shows how black text looks on a background with the RYB color 198, 118, 202.

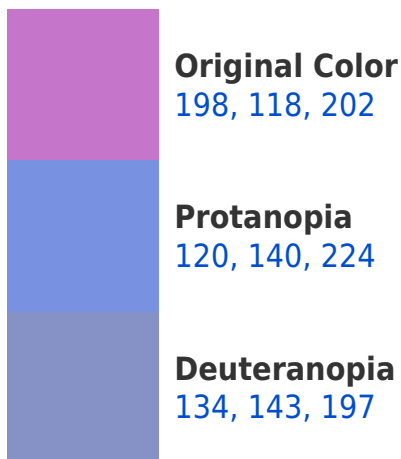



This preview shows how white text looks on a background with the RYB color 198, 118, 202.

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
190, 131, 141

Trichromacy



Original Color
198, 118, 202



Protanomaly
148, 135, 216



Deuteranomaly
157, 135, 199

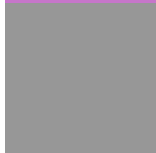


Tritanomaly
193, 126, 163

Monochromacy



Original Color
198, 118, 202



Achromatopsia
151, 151, 151



Achromatomaly
168, 139, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 118, 202 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, 118, 202) looks like.

```
.text, #text, p{  
    color:rgb(198, 118, 202)  
}
```

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, 118, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 118, 202) }
```

Border

The CSS property to change the border of an element to RYB 198, 118, 202 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, 118, 202) }
```

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

```
.border{ border-color:rgb(198, 118, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 118, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 118, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 118, 202);  
box-shadow:4px 4px 4px 4px rgb(198, 118,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 198, 118, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 118, 202) }
```

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

```
.background{ background-color: rgb(198,  
118, 202) }
```

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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