

Converting Colors

`RYB(198, 122, 183)`

Have a look what the booklet for
RYB(198, 122, 183) contains.

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Color

`RYB(198, 122, 183)`

Conversions

Conversions Part 1

Format	Color
Hex	C67AB7
RGB	198, 122, 183
RGB Percent	78%, 48%, 72%
CMY	0.2235, 0.5216, 0.2824
CMYK	0.00, 0.38, 0.08, 0.22
HSL	312°, 40%, 63%
HSV	312°, 38%, 78%
XYZ	38.7955, 29.3437, 48.4189
YIQ	151.6780, 25.7150, 35.0830

Conversions

Conversions Part 2

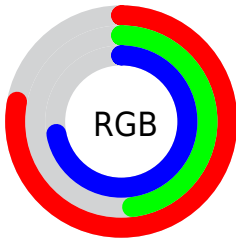
Format	Color
RYB	198, 122, 183
Decimal	13007543
CIELab	61.08, 38.64, -19.75
CIELCh	61, 43.394, 332.922
Yxy	29.3437, 0.3328, 0.2518
Android (android.graphics.Color)	4291197623 (0xFFC67AB7)
YUV	151.6780, 15.4417, 40.6244
Hunter-Lab	54.1699, 33.0413, -15.0766

Details

The RYB color **198, 122, 183** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **122, 185, 198**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 176, 239**, and **143, 71, 130** is the 20% darker color. If you saturate the color by 10%, you get **198, 102, 179**, and if you desaturate by 10%, it is **198, 142, 187**.

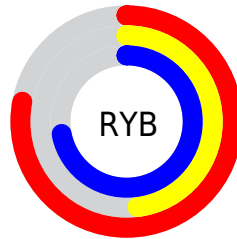
Distribution



Red (78%)

Green (48%)

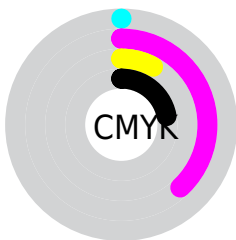
Blue (72%)



Red (78%)

Yellow (48%)

Blue (72%)

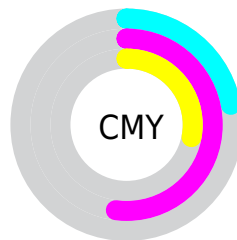


Cyan (0%)

Magenta (38%)

Yellow (8%)

Black (22%)



Cyan (22%)

Magenta (52%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 122, 183 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, 122, 183 by changing the saturation by 10% instead.

 198, 122, 183


255, 255, 255

 255, 176, 239

 255, 204, 255


 255, 232, 255

 198, 122, 183

 170, 96, 156

 143, 71, 130

 116, 46, 105

 90, 20, 80

 65, 0, 57

 44, 0, 36


 0, 0, 11


 0, 0, 0


 198, 122, 183


 198, 122, 183


 198, 102, 179

 198, 142, 187

 198, 82, 175


 198, 162, 191

 198, 63, 171

 198, 181, 195

 198, 43, 167

 198, 200, 201

 198, 23, 163

 198, 217, 221

 198, 3, 160

 198, 234, 241

 198, 0, 159

 198, 245, 255

 198, 243, 255

 198, 240, 255

Harmonies

Analogous

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



155, 136, 212



198, 122, 183



218, 115, 145

Triad

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



198, 122, 183



94, 167, 69



0, 88, 188

Complementary

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



198, 122, 183



122, 185, 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, 88, 167



198, 122, 183



81, 157, 111

Square

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



198, 122, 183



198, 178, 79



77, 140, 164



0, 92, 215

Rectangle

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



198, 122, 183



220, 117, 120



77, 140, 164



0, 86, 176

Sweetspot

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



198, 122, 183



255, 224, 249



136, 122, 198



128, 110, 124



0, 0, 0



128, 128, 128

Same Dimension

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



198, 122, 183



255, 138, 232



198, 122, 146



99, 90, 97



163, 0, 131



36, 0, 29

Inverse Universe

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



198, 122, 183



255, 138, 232



122, 167, 198



99, 90, 97



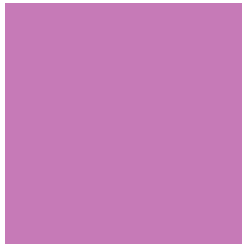
163, 0, 131



36, 0, 29

Previews

White Background



This preview shows how the RYB color 198, 122, 183 looks on a white background.

Color Contrast Check

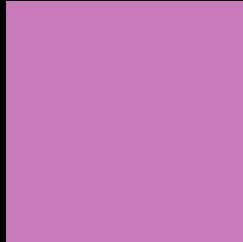
Large Text (above 18pt) WCAG AA ✓ Pass

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, 122, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

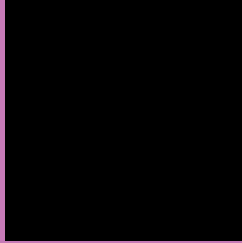
Any Text WCAG AA ✓ Pass

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, 122, 183 Background



This preview shows how black text looks on a background with the RYB color 198, 122, 183.

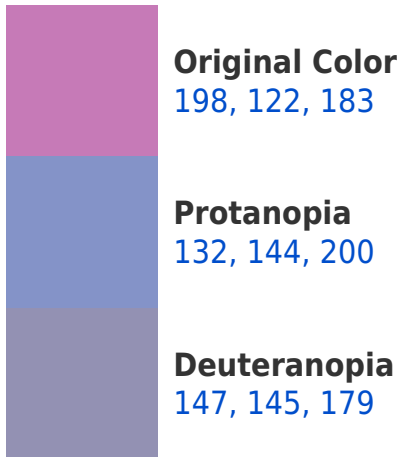



This preview shows how white text looks on a background with the RYB color 198, 122, 183.

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

193, 131, 140

Trichromacy



Original Color

198, 122, 183



Protanomaly

156, 137, 194



Deuteranomaly

166, 137, 180



Tritanomaly

195, 128, 156

Monochromacy



Original Color

198, 122, 183



Achromatopsia

152, 152, 152



Achromatomaly

169, 141, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 122, 183 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, 122, 183)` looks like.

```
.text, #text, p{  
    color:rgb(198, 122, 183)  
}
```

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, 122, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 122, 183) }
```

Border

The CSS property to change the border of an element to RYB 198, 122, 183 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, 122, 183) }
```

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

```
.border{ border-color:rgb(198, 122, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 122, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 122, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 122, 183);  
box-shadow:4px 4px 4px 4px rgb(198, 122,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 198, 122, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 122, 183) }
```

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

```
.background{ background-color: rgb(198,  
122, 183) }
```

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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