

Converting Colors

`RYB(195, 148, 183)`

Have a look what the booklet for
RYB(195, 148, 183) contains.

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Color

R_YB(195, 148, 183)

Conversions

Conversions Part 1

Format	Color
Hex	C394B7
RGB	195, 148, 183
RGB Percent	76%, 58%, 72%
CMY	0.2353, 0.4196, 0.2824
CMYK	0.00, 0.24, 0.06, 0.24
HSL	315°, 28%, 67%
HSV	315°, 24%, 76%
XYZ	41.6428, 36.2008, 49.5924
YIQ	166.0430, 16.7770, 20.8490

Conversions

Conversions Part 2

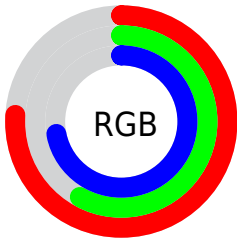
Format	Color
R_{YB}	195, 148, 183
Decimal	12817591
CIE _{Lab}	66.67, 23.41, -11.34
CIE _{LCh}	67, 26.008, 334.150
Yxy	36.2008, 0.3268, 0.2841
Android (android.graphics.Color)	4291007671 (0xFFC394B7)
YUV	166.0430, 8.3598, 25.3953
Hunter-Lab	60.1671, 18.2509, -6.7525

Details

The RYB color **195, 148, 183** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **148, 185, 195**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **252, 202, 239**, and **141, 97, 130** is the 20% darker color. If you saturate the color by 10%, you get **195, 129, 178**, and if you desaturate by 10%, it is **195, 168, 188**.

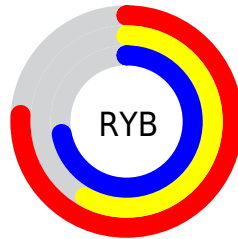
Distribution



Red (76%)

Green (58%)

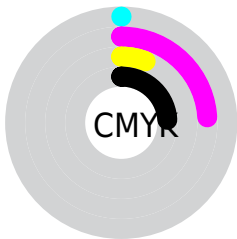
Blue (72%)



Red (76%)

Yellow (58%)

Blue (72%)

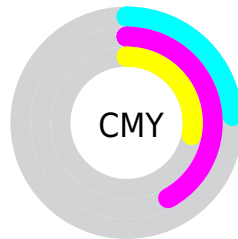


Cyan (0%)

Magenta (24%)

Yellow (6%)

Black (24%)



Cyan (24%)

Magenta (42%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 148, 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 195, 148, 183 by changing the saturation by 10% instead.

 195, 148, 183


255, 255, 255

 252, 202, 239

 255, 231, 255

 195, 148, 183

 168, 122, 156

 141, 97, 130

 115, 73, 105

 90, 49, 81

 66, 27, 58

 43, 5, 36

 16, 0, 14

 0, 0, 0

 195, 148, 183

 195, 148, 183

195, 129, 178

195, 168, 188

195, 109, 173

195, 187, 193

195, 90, 168

195, 205, 207

195, 70, 163

195, 220, 226

195, 51, 158

195, 236, 246

195, 31, 153

195, 241, 255

195, 12, 148

195, 238, 255

195, 0, 145

195, 236, 255

195, 234, 255

Harmonies

Analogous

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



170, 155, 201



195, 148, 183



208, 145, 160

Triad

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



195, 148, 183



134, 176, 116



91, 136, 188

Complementary

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



195, 148, 183



148, 185, 195

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.



100, 140, 175



195, 148, 183



123, 169, 142

Square

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



195, 148, 183



196, 180, 121



123, 160, 173



106, 145, 204

Rectangle

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



195, 148, 183



209, 146, 144



123, 160, 173



92, 135, 180

Sweetspot

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



195, 148, 183



252, 235, 248



160, 148, 195



128, 117, 125



0, 0, 0



128, 128, 128

Same Dimension

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



195, 148, 183



252, 179, 234



195, 148, 160



97, 87, 94



161, 0, 120



33, 0, 25

Inverse Universe

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



195, 148, 183



252, 179, 234



148, 175, 195



97, 87, 94



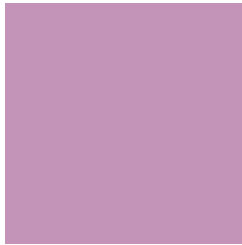
161, 0, 120



33, 0, 25

Previews

White Background



This preview shows how the RYB color 195, 148, 183 looks on a white background.

Color Contrast Check

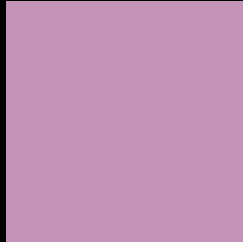
Large Text (above 18pt) WCAG AA × Fail

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 195, 148, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

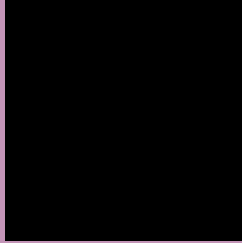
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 195, 148, 183 Background



This preview shows how black text looks on a background with the RYB color 195, 148, 183.

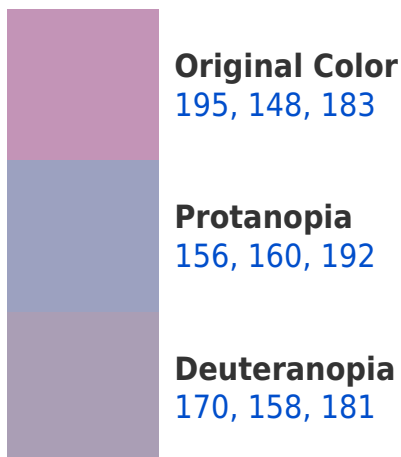



This preview shows how white text looks on a background with the RYB color 195, 148, 183.

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
192, 151, 163

Trichromacy



Original Color
195, 148, 183

Protanomaly
170, 156, 189

Deuteranomaly
179, 154, 182

Tritanomaly
193, 150, 170

Monochromacy



Original Color
195, 148, 183

Achromatopsia
166, 166, 166

Achromatomaly
177, 159, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 148, 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(195, 148, 183) looks like.

```
.text, #text, p{  
    color:rgb(195, 148, 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(195, 148, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 148, 183) }
```

Border

The CSS property to change the border of an element to RYB 195, 148, 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(195, 148, 183) }
```

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

```
.border{ border-color:rgb(195, 148, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 148, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 148, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 148, 183); box-shadow:4px 4px 4px 4px rgb(195, 148, 183) }
```

Background

The CSS property to change the background color of an element to RYB 195, 148, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 148, 183) }
```

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

```
.background{ background-color: rgb(195,  
148, 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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