

Converting Colors

`RYB(183, 88, 194)`

Have a look what the booklet for RYB(183, 88, 194) contains.

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Color

R_YB(183, 88, 194)

Conversions

Conversions Part 1

Format	Color
Hex	B758C2
RGB	183, 88, 194
RGB Percent	72%, 35%, 76%
CMY	0.2824, 0.6549, 0.2392
CMYK	0.06, 0.55, 0.00, 0.24
HSL	294°, 46%, 55%
HSV	294°, 55%, 76%
XYZ	32.7558, 20.9418, 53.3547
YIQ	128.4890, 22.5940, 53.1060

Conversions

Conversions Part 2

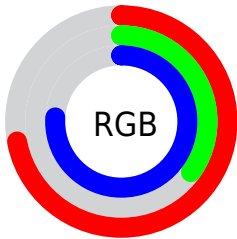
Format	Color
RYB	183, 88, 194
Decimal	12015810
CIELab	52.89, 53.63, -38.91
CIElCh	53, 66.258, 324.040
Yxy	20.9418, 0.3060, 0.1956
Android (android.graphics.Color)	4290205890 (0xFFB758C2)
YUV	128.4890, 32.2969, 47.8061
Hunter-Lab	45.7622, 47.6834, -37.0934

Details

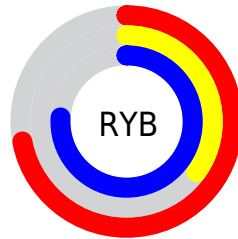
The RYB color **183, 88, 194** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **88, 194, 183**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **241, 142, 251**, and **127, 33, 140** is the 20% darker color. If you saturate the color by 10%, you get **181, 69, 194**, and if you desaturate by 10%, it is **185, 107, 194**.

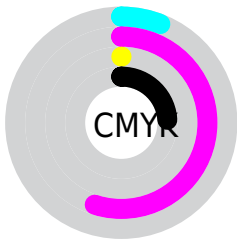
Distribution



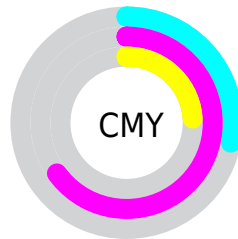
- Red (72%)
- Green (35%)
- Blue (76%)



- Red (72%)
- Yellow (35%)
- Blue (76%)



- Cyan (6%)
- Magenta (55%)
- Yellow (0%)
- Black (24%)



- Cyan (28%)
- Magenta (65%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 88, 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 183, 88, 194 by changing the saturation by 10% instead.



183, 88, 194



183, 88, 194

255, 255, 255



155, 61, 167



241, 142, 251



127, 33, 140



255, 170, 255



100, 0, 114



255, 198, 255



74, 0, 89



255, 227, 255



49, 0, 65



21, 0, 42



0, 1, 20




0, 0, 0



183, 88, 194



183, 88, 194


 181, 69, 194


 185, 107, 194


 179, 49, 194

 187, 127, 194

 177, 30, 194

 189, 146, 194

 175, 10, 194

 191, 166, 194

 174, 0, 194

 193, 185, 194

 194, 204, 203

 194, 224, 221

 194, 243, 238

 194, 255, 248

Harmonies

Analogous

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



99, 114, 231



183, 88, 194



221, 65, 140

Triad

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



183, 88, 194



57, 162, 0



0, 80, 171

Complementary

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



183, 88, 194



88, 194, 183

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, 151



183, 88, 194



0, 137, 29

Square

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



183, 88, 194



202, 134, 30



0, 108, 147



0, 88, 218

Rectangle

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



183, 88, 194



227, 64, 102



0, 108, 147



0, 76, 152

Sweetspot

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



183, 88, 194



248, 212, 252



88, 99, 194



125, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 88, 194



235, 86, 252



194, 88, 153



96, 87, 97



144, 0, 161



30, 0, 33

Inverse Universe

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



194, 88, 99



252, 86, 103



88, 164, 194



97, 87, 88



161, 0, 17



33, 0, 3

Previews

White Background



This preview shows how the RYB color 183, 88, 194 looks on a white background.

Color Contrast Check

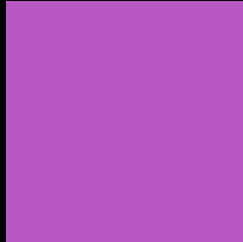
Large Text (above 18pt) WCAG AA ✓ Pass

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 183, 88, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

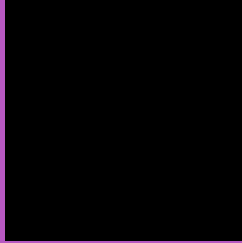
Any Text WCAG AA ✓ Pass

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 183, 88, 194 Background



This preview shows how black text looks on a background with the RYB color 183, 88, 194.

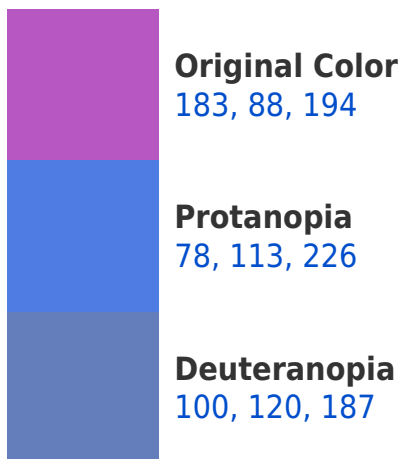



This preview shows how white text looks on a background with the RYB color 183, 88, 194.

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
173, 108, 116

Trichromacy



Original Color

183, 88, 194



Protanomaly

116, 110, 214



Deuteranomaly

130, 112, 190



Tritanomaly

177, 101, 144

Monochromacy



Original Color

183, 88, 194



Achromatopsia

128, 128, 128



Achromatomaly

148, 113, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 88, 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(183, 88, 194)` looks like.

```
.text, #text, p{  
    color:rgb(183, 88, 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(183, 88, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 88, 194) }
```

Border

The CSS property to change the border of an element to RYB 183, 88, 194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

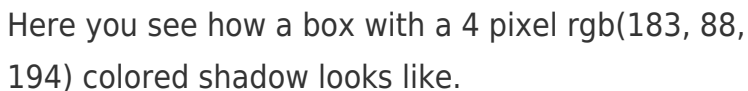
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 88, 194) }
```

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

```
.border{ border-color:rgb(183, 88, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 88, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 88, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 88, 194); box-shadow:4px 4px 4px 4px rgb(183, 88, 194) }
```

Background

The CSS property to change the background color of an element to RGB 183, 88, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 88, 194) }
```

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

```
.background{ background-color: rgb(183, 88,  
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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