

Converting Colors

`RYB(192, 88, 244)`

Have a look what the booklet for RYB(192, 88, 244) contains.

RYB(192, 88, 244)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(192, 88, 244)

Conversions

Conversions Part 1

Format	Color
Hex	C058F4
RGB	192, 88, 244
RGB Percent	75%, 35%, 96%
CMY	0.2471, 0.6549, 0.0431
CMYK	0.21, 0.64, 0.00, 0.04
HSL	280°, 88%, 65%
HSV	280°, 64%, 96%
XYZ	41.5571, 24.7176, 88.1686
YIQ	136.8800, 11.9080, 70.5640

Conversions

Conversions Part 2

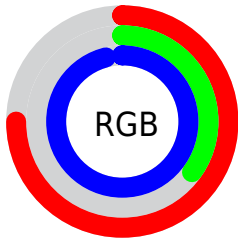
Format	Color
R _{YB}	192, 88, 244
Decimal	12605684
CIE _{Lab}	56.80, 65.70, -60.90
CIE _{LCh}	57, 89.587, 317.174
Yxy	24.7176, 0.2691, 0.1600
Android (android.graphics.Color)	4290795764 (0xFFC058F4)
YUV	136.8800, 52.8102, 48.3402
Hunter-Lab	49.7168, 62.1996, -70.3442

Details

The RYB color **192, 88, 244** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **88, 244, 192**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **252, 144, 255**, and **134, 27, 187** is the 20% darker color. If you saturate the color by 10%, you get **184, 64, 244**, and if you desaturate by 10%, it is **200, 112, 244**.

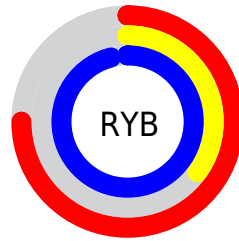
Distribution



Red (75%)

Green (35%)

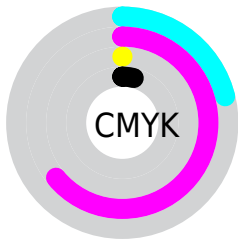
Blue (96%)



Red (75%)

Yellow (35%)

Blue (96%)

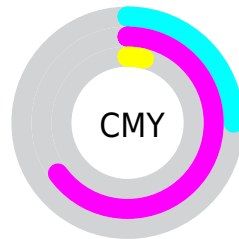


Cyan (21%)

Magenta (64%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (65%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 88, 244 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 192, 88, 244 by changing the saturation by 10% instead.



192, 88, 244



192, 88, 244

255, 255, 255



163, 60, 215



252, 144, 255



134, 27, 187



255, 172, 255



106, 0, 159



255, 200, 255



77, 0, 132



255, 230, 255



47, 0, 106



15, 0, 81



0, 0, 57



0, 2, 34





0, 0, 9

 192, 88, 244


 192, 88, 244


 184, 64, 244

 200, 112, 244

 176, 39, 244

 208, 137, 244

 168, 15, 244

 216, 161, 244

 163, 0, 244

 225, 186, 244

 233, 210, 244

 241, 234, 244

 244, 255, 250

 244, 255, 244

Harmonies

Analogous

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



0, 87, 255



192, 88, 244



255, 17, 173

Triad

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



192, 88, 244



115, 193, 0



0, 87, 181

Complementary

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



192, 88, 244



88, 244, 192

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, 105, 167



192, 88, 244



0, 146, 22

Square

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



192, 88, 244



244, 109, 9



0, 160, 160



0, 100, 251

Rectangle

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



192, 88, 244



255, 0, 121



0, 160, 160



0, 88, 169

Sweetspot

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



192, 88, 244



239, 207, 255



88, 127, 244



118, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 88, 244



190, 59, 255



244, 88, 218



118, 110, 122



124, 0, 186



39, 0, 59

Inverse Universe

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



244, 88, 140



255, 59, 124



88, 222, 244



122, 110, 114



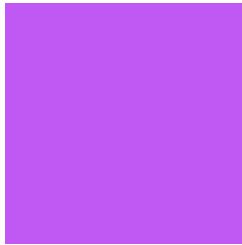
186, 0, 62



59, 0, 20

Previews

White Background



This preview shows how the RYB color 192, 88, 244 looks on a white background.

Color Contrast Check

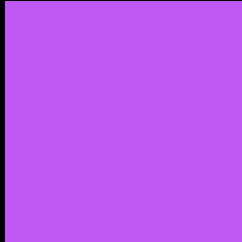
Large Text (above 18pt) WCAG AA ✓ Pass

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 192, 88, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

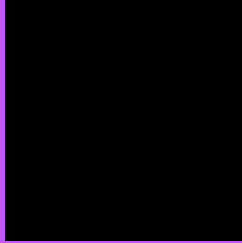
Any Text WCAG AA ✓ Pass

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 192, 88, 244 Background



This preview shows how black text looks on a background with the RYB color 192, 88, 244.

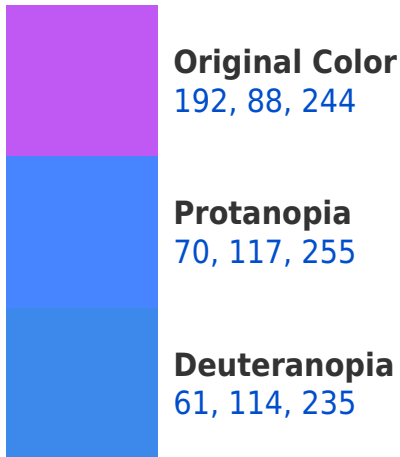


This preview shows how white text looks on a background with the RYB color 192, 88, 244.

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
174, 122, 131

Trichromacy



Original Color

192, 88, 244



Protanomaly

114, 117, 251



Deuteranomaly

109, 119, 238



Tritanomaly

181, 110, 172

Monochromacy



Original Color

192, 88, 244



Achromatopsia

137, 137, 137



Achromatomaly

157, 119, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 88, 244 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(192, 88, 244)` looks like.

```
.text, #text, p{  
    color:rgb(192, 88, 244)  
}
```

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(192, 88, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 88, 244) }
```

Border

The CSS property to change the border of an element to RYB 192, 88, 244 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(192, 88, 244) }
```

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

```
.border{ border-color:rgb(192, 88, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 88, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 88, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 88, 244);  
box-shadow:4px 4px 4px 4px rgb(192, 88,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 192, 88, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 88, 244) }
```

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

```
.background{ background-color: rgb(192, 88,  
244) }
```

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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