

Converting Colors

`RYB(191, 90, 245)`

Have a look what the booklet for
RYB(191, 90, 245) contains.

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Color

R_YB(191, 90, 245)

Conversions

Conversions Part 1

Format	Color
Hex	BF5AF5
RGB	191, 90, 245
RGB Percent	75%, 35%, 96%
CMY	0.2510, 0.6471, 0.0392
CMYK	0.22, 0.63, 0.00, 0.04
HSL	279°, 89%, 66%
HSV	279°, 63%, 96%
XYZ	41.6235, 24.9813, 89.0143
YIQ	137.8690, 10.4410, 69.6170

Conversions

Conversions Part 2

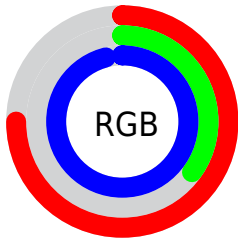
Format	Color
R _Y B	191, 90, 245
Decimal	12540661
CIE Lab	57.06, 64.79, -61.05
CIE LCh	57, 89.024, 316.705
Yxy	24.9813, 0.2675, 0.1605
Android (android.graphics.Color)	4290730741 (0xFFBF5AF5)
YUV	137.8690, 52.8156, 46.5959
Hunter-Lab	49.9813, 61.1842, -70.6058

Details

The RYB color **191, 90, 245** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **90, 245, 191**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **251, 145, 255**, and **133, 30, 188** is the 20% darker color. If you saturate the color by 10%, you get **182, 66, 245**, and if you desaturate by 10%, it is **200, 114, 245**.

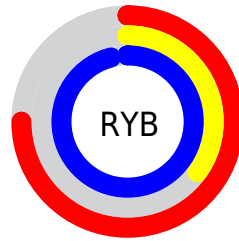
Distribution



Red (75%)

Green (35%)

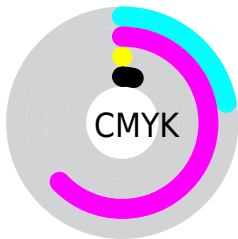
Blue (96%)



Red (75%)

Yellow (35%)

Blue (96%)

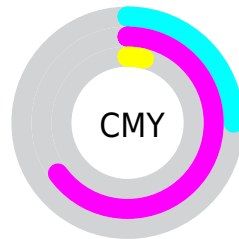


Cyan (22%)

Magenta (63%)

Yellow (0%)

Black (4%)



Cyan (25%)

















Magenta (65%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 90, 245 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 191, 90, 245 by changing the saturation by 10% instead.

 191, 90, 245	 191, 90, 245
 255, 255, 255	 162, 62, 216
 251, 145, 255	 133, 30, 188
 255, 174, 255	 105, 0, 160
 255, 202, 255	 76, 0, 133
 255, 231, 255	 46, 0, 107
	 13, 0, 82
	 0, 0, 58
	 0, 2, 35
	 0, 0, 10

191, 90, 245

191, 90, 245

182, 66, 245

200, 114, 245

174, 41, 245

208, 139, 245

165, 17, 245

217, 164, 245

160, 0, 245

225, 188, 245

234, 213, 245

242, 237, 245

245, 255, 249

245, 255, 245

Harmonies

Analogous

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



0, 87, 255



191, 90, 245



255, 24, 175

Triad

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



191, 90, 245



117, 194, 0



0, 87, 180

Complementary

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



191, 90, 245



90, 245, 191

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



191, 90, 245



0, 147, 21

Square

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



191, 90, 245



245, 104, 14



0, 161, 161



0, 100, 250

Rectangle

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



191, 90, 245



255, 0, 123



0, 161, 161



0, 89, 169

Sweetspot

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



191, 90, 245



238, 207, 255



90, 130, 245



117, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



191, 90, 245



187, 61, 255



245, 90, 222



118, 110, 122



121, 0, 186



38, 0, 59

Inverse Universe

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



245, 90, 144



255, 61, 129



90, 225, 245



122, 110, 114



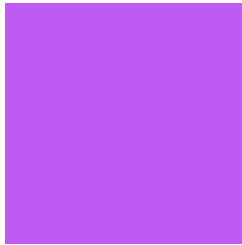
186, 0, 65



59, 0, 20

Previews

White Background



This preview shows how the RYB color 191, 90, 245 looks on a white background.

Color Contrast Check

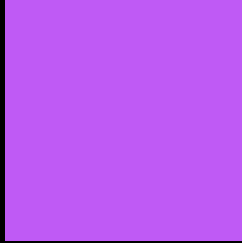
Large Text (above 18pt) WCAG AA ✓ Pass

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 191, 90, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

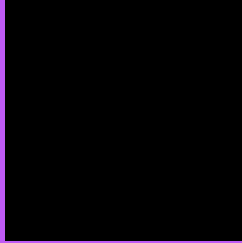
Any Text WCAG AA ✓ Pass

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 191, 90, 245 Background



This preview shows how black text looks on a background with the RYB color 191, 90, 245.

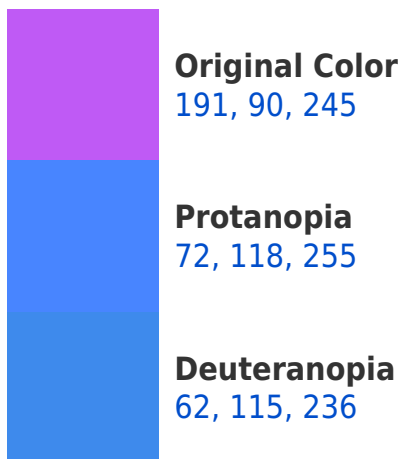


This preview shows how white text looks on a background with the RYB color 191, 90, 245.

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, 123, 133

Trichromacy



Original Color

191, 90, 245



Protanomaly

115, 117, 251



Deuteranomaly

109, 120, 239



Tritanomaly

180, 111, 174

Monochromacy



Original Color

191, 90, 245



Achromatopsia

138, 138, 138



Achromatomaly

157, 121, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 90, 245 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(191, 90, 245)` looks like.

```
.text, #text, p{  
    color:rgb(191, 90, 245)  
}
```

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(191, 90, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 90, 245) }
```

Border

The CSS property to change the border of an element to RYB 191, 90, 245 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(191, 90, 245) }
```

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

```
.border{ border-color:rgb(191, 90, 245) }
```

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

Here you see how a box with a 4 pixel rgb(191, 90, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 90, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 90, 245);  
box-shadow:4px 4px 4px 4px rgb(191, 90,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 191, 90, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 90, 245) }
```

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

```
.background{ background-color: rgb(191, 90,  
245) }
```

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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