

Converting Colors

`RYB(191, 62, 243)`

Have a look what the booklet for RYB(191, 62, 243) contains.

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Color

R_YB(191, 62, 243)

Conversions

Conversions Part 1

Format	Color
Hex	BF3EF3
RGB	191, 62, 243
RGB Percent	75%, 24%, 95%
CMY	0.2510, 0.7569, 0.0471
CMYK	0.21, 0.74, 0.00, 0.05
HSL	283°, 88%, 60%
HSV	283°, 74%, 95%
XYZ	39.3861, 20.9927, 86.7701
YIQ	121.2050, 18.7830, 83.6390

Conversions

Conversions Part 2

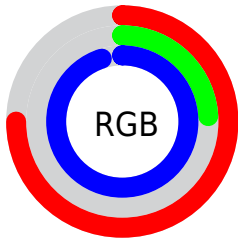
Format	Color
R _Y B	191, 62, 243
Decimal	12533491
CIE Lab	52.94, 75.61, -66.56
CIE LCh	53, 100.730, 318.641
Yxy	20.9927, 0.2677, 0.1427
Android (android.graphics.Color)	4290723571 (0xFFBF3EF3)
YUV	121.2050, 60.0449, 61.2102
Hunter-Lab	45.8178, 73.2621, -80.2115

Details

The RYB color **191, 62, 243** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **62, 243, 191**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **251, 122, 255**, and **132, 0, 186** is the 20% darker color. If you saturate the color by 10%, you get **184, 38, 243**, and if you desaturate by 10%, it is **198, 86, 243**.

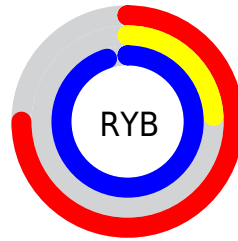
Distribution



Red (75%)

Green (24%)

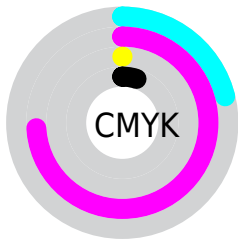
Blue (95%)



Red (75%)

Yellow (24%)

Blue (95%)

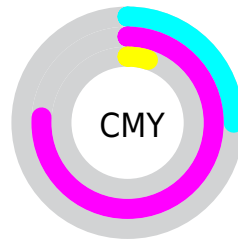


Cyan (21%)

Magenta (74%)

Yellow (0%)

Black (5%)



Cyan (25%)


















Magenta (76%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 62, 243 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, 62, 243 by changing the saturation by 10% instead.

 191, 62, 243	 191, 62, 243
 255, 255, 255	 161, 24, 214
 251, 122, 255	 132, 0, 186
 255, 150, 255	 103, 0, 158
 255, 179, 255	 73, 0, 131
 255, 209, 255	 43, 0, 105
 255, 238, 255	 0, 0, 80
	 0, 3, 56
	 0, 2, 33
	 0, 0, 6

■ 191, 62, 243

■ 191, 62, 243

■ 184, 38, 243

■ 198, 86, 243

■ 177, 13, 243

■ 205, 111, 243

■ 173, 0, 243

■ 212, 135, 243

■ 219, 159, 243

■ 226, 183, 243

■ 233, 208, 243

■ 240, 232, 243

■ 243, 255, 251

■ 243, 255, 244

Harmonies

Analogous

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



0, 82, 255



191, 62, 243



255, 0, 163

Triad

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



191, 62, 243



114, 181, 0



0, 85, 180

Complementary

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



191, 62, 243



62, 243, 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, 101, 158



191, 62, 243



0, 139, 36

Square

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



191, 62, 243



238, 73, 0



0, 152, 152



0, 98, 255

Rectangle

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



191, 62, 243



255, 0, 106



0, 152, 152



0, 83, 160

Sweetspot

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



191, 62, 243



239, 199, 255



62, 104, 243



118, 94, 128



0, 0, 0



128, 128, 128

Same Dimension

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



191, 62, 243



190, 28, 255



243, 62, 207



119, 110, 122



133, 0, 186



42, 0, 59

Inverse Universe

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



243, 62, 114



255, 28, 93



62, 213, 243



122, 110, 114



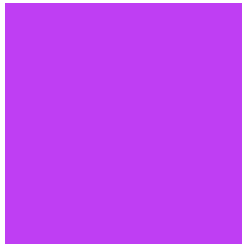
186, 0, 53



59, 0, 17

Previews

White Background



This preview shows how the RYB color 191, 62, 243 looks on a white background.

Color Contrast Check

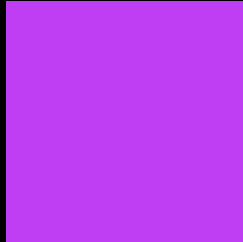
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

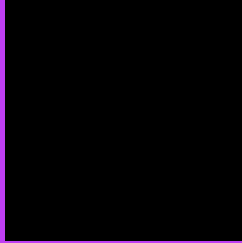
Any Text WCAG AA ✓ Pass

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, 62, 243 Background



This preview shows how black text looks on a background with the RYB color 191, 62, 243.

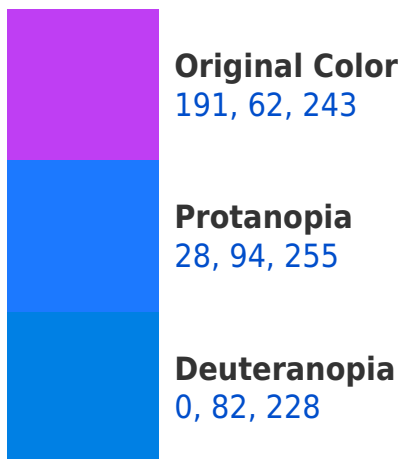



This preview shows how white text looks on a background with the RYB color 191, 62, 243.

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
172, 108, 116

Trichromacy



Original Color

191, 62, 243



Protanomaly

87, 99, 251



Deuteranomaly

69, 99, 233



Tritanomaly

179, 91, 162

Monochromacy



Original Color

191, 62, 243



Achromatopsia

121, 121, 121



Achromatomaly

146, 100, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 62, 243 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, 62, 243)` looks like.

```
.text, #text, p{  
    color:rgb(191, 62, 243)  
}
```

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, 62, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 62, 243) }
```

Border

The CSS property to change the border of an element to RYB 191, 62, 243 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, 62, 243) }
```

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

```
.border{ border-color:rgb(191, 62, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 62, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 62, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 62, 243);  
box-shadow:4px 4px 4px 4px rgb(191, 62,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 191, 62, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 62, 243) }
```

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

```
.background{ background-color: rgb(191, 62,  
243) }
```

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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