

Converting Colors

RGB(192, 151, 235)

Have a look what the booklet for
RGB(192, 151, 235) contains.

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Color

RGB(192, 151, 235)

Conversions

Conversions Part 1

Format	Color
Hex	C097EB
RGB	192, 151, 235
RGB Percent	75%, 59%, 92%
CMY	0.2471, 0.4078, 0.0784
CMYK	0.18, 0.36, 0.00, 0.08
HSL	269°, 68%, 76%
HSV	269°, 36%, 92%
XYZ	47.8002, 39.3378, 83.6709
YIQ	172.8350, -2.5280, 34.8160

Conversions

Conversions Part 2

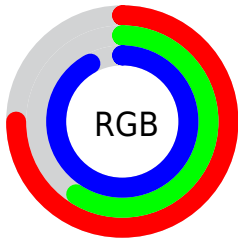
Format	Color
R_{YB}	192, 151, 235
Decimal	12621803
CIE _{Lab}	69.00, 31.26, -36.65
CIE _{LCh}	69, 48.168, 310.465
Yxy	39.3378, 0.2798, 0.2303
Android (android.graphics.Color)	4290811883 (0xFFC097EB)
YUV	172.8350, 30.6473, 16.8077
Hunter-Lab	62.7199, 26.2790, -35.1913

Details

The RGB color **192, 151, 235** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **194, 235, 151**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **249, 206, 255**, and **137, 99, 179** is the 20% darker color. If you saturate the color by 10%, you get **180, 128, 235**, and if you desaturate by 10%, it is **204, 175, 235**.

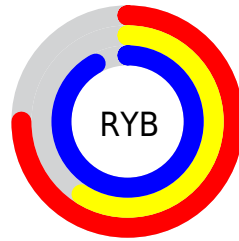
Distribution



Red (75%)

Green (59%)

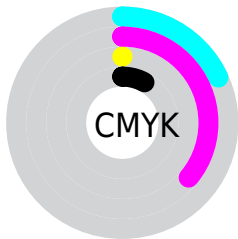
Blue (92%)



Red (75%)

Yellow (59%)

Blue (92%)

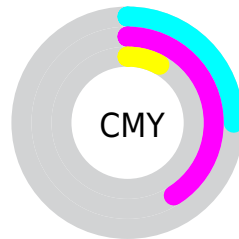


Cyan (18%)

Magenta (36%)

Yellow (0%)

Black (8%)



Cyan (25%)


Magenta (41%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 192, 151, 235 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 RGB color 192, 151, 235 by changing the saturation by 10% instead.


 192, 151, 235

255, 255, 255


 249, 206, 255

 255, 234, 255

 192, 151, 235

 164, 125, 207


 137, 99, 179

 111, 75, 152

 85, 52, 126


 60, 29, 100

 34, 6, 76


 15, 0, 53

 0, 2, 30


 0, 0, 1


 192, 151, 235

 192, 151, 235

 180, 128, 235

 204, 175, 235

 168, 104, 235

 216, 198, 235

 156, 81, 235


 228, 222, 235

 144, 57, 235


 240, 245, 235

 132, 33, 235

 252, 255, 235

 120, 10, 235

 255, 255, 235

 115, 0, 235

Harmonies

Analogous

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



124, 168, 254



192, 151, 235



234, 136, 199

Triad

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



192, 151, 235



218, 156, 86



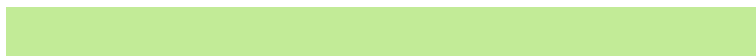
0, 191, 183

Complementary

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



192, 151, 235



194, 235, 151

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.



69, 189, 138



192, 151, 235



180, 171, 80

Square

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



192, 151, 235



244, 141, 114



132, 182, 100



0, 188, 224

Rectangle

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



192, 151, 235



248, 132, 169



132, 182, 100



0, 191, 168

Sweetspot

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



192, 151, 235



241, 227, 255



151, 194, 235



119, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 151, 235



199, 145, 255



234, 151, 235



111, 106, 117



88, 0, 181



26, 0, 54

Inverse Universe

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



235, 151, 194



255, 145, 201



152, 235, 151



117, 106, 112



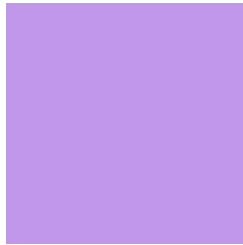
181, 0, 93



54, 0, 27

Previews

White Background



This preview shows how the RGB color 192, 151, 235 looks on a white background.

Color Contrast Check

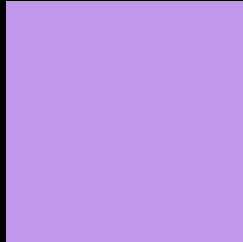
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 192, 151, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

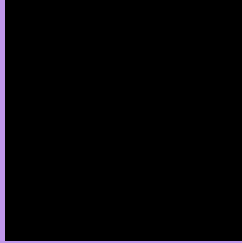
Any Text WCAG AA ✓ Pass

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](#).

RGB 192, 151, 235 Background



This preview shows how black text looks on a background with the RGB color 192, 151, 235.

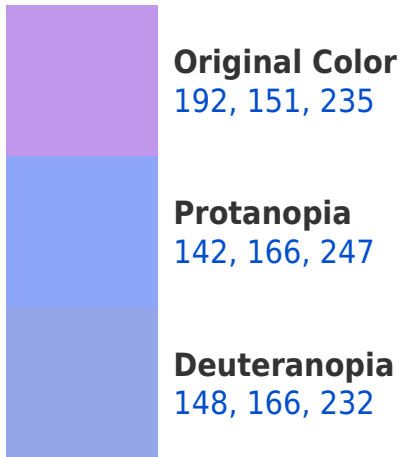



This preview shows how white text looks on a background with the RGB color 192, 151, 235.

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
182, 163, 176

Trichromacy



Original Color
192, 151, 235

Protanomaly
160, 161, 243

Deuteranomaly
164, 161, 233

Tritanomaly
186, 159, 197

Monochromacy



Original Color
192, 151, 235

Achromatopsia
173, 173, 173

Achromatomaly
180, 165, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 192, 151, 235 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, 151, 235)` looks like.

```
.text, #text, p{  
  color:rgb(192, 151, 235)  
}
```

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, 151, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 151, 235) }
```

Border

The CSS property to change the border of an element to RGB 192, 151, 235 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, 151, 235) }
```

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

```
.border{ border-color:rgb(192, 151, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 151, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 151, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 151, 235);  
box-shadow:4px 4px 4px 4px rgb(192, 151,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 192, 151, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 151, 235) }
```

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

```
.background{ background-color: rgb(192,  
151, 235) }
```

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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