

Converting Colors

RGB(195, 151, 236)

Have a look what the booklet for
RGB(195, 151, 236) contains.

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Color

RGB(195, 151, 236)

Conversions

Conversions Part 1

Format	Color
Hex	C397EC
RGB	195, 151, 236
RGB Percent	76%, 59%, 93%
CMY	0.2353, 0.4078, 0.0745
CMYK	0.17, 0.36, 0.00, 0.07
HSL	271°, 69%, 76%
HSV	271°, 36%, 93%
XYZ	48.7126, 39.7914, 84.4700
YIQ	173.8460, -1.0610, 35.7630

Conversions

Conversions Part 2

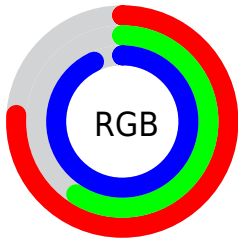
Format	Color
R_{YB}	195, 151, 236
Decimal	12818412
CIE _{Lab}	69.32, 32.37, -36.67
CIE _{LCh}	69, 48.911, 311.440
Yxy	39.7914, 0.2816, 0.2300
Android (android.graphics.Color)	4291008492 (0xFFC397EC)
YUV	173.8460, 30.6419, 18.5521
Hunter-Lab	63.0805, 27.4522, -35.2379

Details

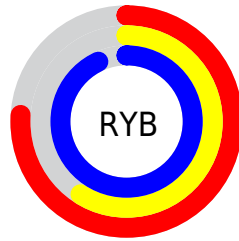
The RGB color **195, 151, 236** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **192, 236, 151**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **253, 206, 255**, and **140, 99, 180** is the 20% darker color. If you saturate the color by 10%, you get **184, 127, 236**, and if you desaturate by 10%, it is **206, 175, 236**.

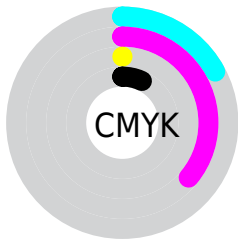
Distribution



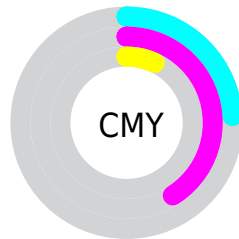
- Red (76%)
- Green (59%)
- Blue (93%)



- Red (76%)
- Yellow (59%)
- Blue (93%)



- Cyan (17%)
- Magenta (36%)
- Yellow (0%)
- Black (7%)



- Cyan (24%)
- Magenta (41%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 151, 236 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 195, 151, 236 by changing the saturation by 10% instead.


 195, 151, 236

255, 255, 255

 253, 206, 255

 255, 234, 255

 195, 151, 236

 167, 125, 208

 140, 99, 180

 113, 75, 153

 88, 51, 127

 62, 28, 101

 37, 5, 77


 18, 0, 54

 0, 2, 31


 0, 0, 2


 195, 151, 236


 195, 151, 236

 184, 127, 236


 206, 175, 236


 172, 104, 236

 218, 198, 236

 161, 80, 236

 229, 222, 236

 149, 57, 236

 241, 245, 236

 138, 33, 236

 252, 255, 236

 127, 9, 236

 255, 255, 236

 122, 0, 236

Harmonies

Analogous

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



126, 168, 255



195, 151, 236



237, 136, 199

Triad

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



195, 151, 236



219, 157, 85



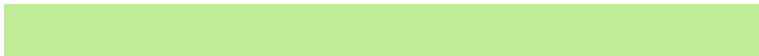
0, 192, 185

Complementary

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



195, 151, 236



192, 236, 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.



64, 190, 140



195, 151, 236



179, 172, 79

Square

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



195, 151, 236



245, 141, 113



131, 183, 100



0, 189, 227

Rectangle

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



195, 151, 236



250, 132, 169



131, 183, 100



0, 192, 170

Sweetspot

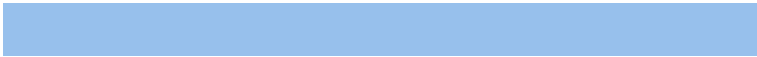
The Sweet Spot groups the original color and five complimentary colors.



195, 151, 236



241, 227, 255



151, 192, 236



120, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



195, 151, 236



202, 145, 255



236, 151, 235



112, 106, 117



94, 0, 181



28, 0, 54

Inverse Universe

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



236, 151, 192



255, 145, 198



151, 236, 152



117, 106, 111



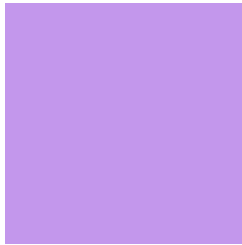
181, 0, 87



54, 0, 26

Previews

White Background



This preview shows how the RGB color 195, 151, 236 looks on a white background.

Color Contrast Check

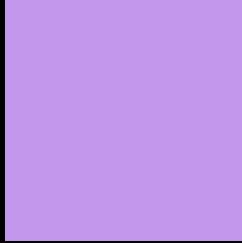
Large Text (above 18pt) WCAG AA × Fail

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 195, 151, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

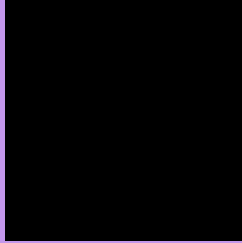
Any Text WCAG AA ✓ Pass

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 195, 151, 236 Background



This preview shows how black text looks on a background with the RGB color 195, 151, 236.

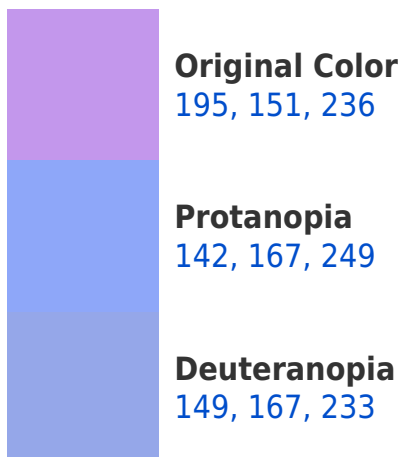



This preview shows how white text looks on a background with the RGB color 195, 151, 236.

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
185, 163, 176

Trichromacy



Original Color
195, 151, 236

Protanomaly
161, 161, 244

Deuteranomaly
166, 161, 234

Tritanomaly
189, 159, 198

Monochromacy



Original Color
195, 151, 236

Achromatopsia
174, 174, 174

Achromatomaly
182, 166, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 151, 236 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(195, 151, 236)` looks like.

```
.text, #text, p{  
    color:rgb(195, 151, 236)  
}
```

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(195, 151, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 151, 236) }
```

Border

The CSS property to change the border of an element to RGB 195, 151, 236 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(195, 151, 236) }
```

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

```
.border{ border-color:rgb(195, 151, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 151, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 151, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 151, 236);  
box-shadow:4px 4px 4px 4px rgb(195, 151,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 195, 151, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 151, 236) }
```

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

```
.background{ background-color: rgb(195,  
151, 236) }
```

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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