

Converting Colors

RGB(195, 151, 219)

Have a look what the booklet for
RGB(195, 151, 219) contains.

RGB(195, 151, 219)	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

RGB(195, 151, 219)

Conversions

Conversions Part 1

Format	Color
Hex	C397DB
RGB	195, 151, 219
RGB Percent	76%, 59%, 86%
CMY	0.2353, 0.4078, 0.1412
CMYK	0.11, 0.31, 0.00, 0.14
HSL	279°, 49%, 73%
HSV	279°, 31%, 86%
XYZ	46.3585, 38.8498, 72.0732
YIQ	171.9080, 4.3960, 30.4760

Conversions

Conversions Part 2

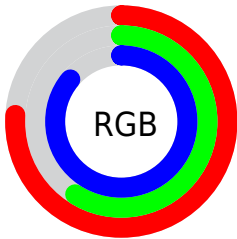
Format	Color
RYB	195, 151, 219
Decimal	12818395
CIELab	68.64, 28.74, -28.37
CIELCh	69, 40.383, 315.378
Yxy	38.8498, 0.2947, 0.2470
Android (android.graphics.Color)	4291008475 (0xFFC397DB)
YUV	171.9080, 23.2164, 20.2517
Hunter-Lab	62.3296, 23.6849, -24.9277

Details

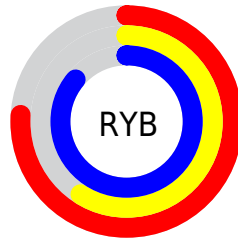
The RGB color **195, 151, 219** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175, 219, 151**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **252, 206, 255**, and **140, 100, 164** is the 20% darker color. If you saturate the color by 10%, you get **187, 129, 219**, and if you desaturate by 10%, it is **203, 173, 219**.

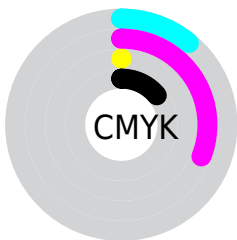
Distribution



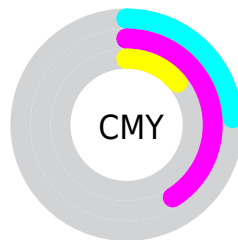
- Red (76%)
- Green (59%)
- Blue (86%)



- Red (76%)
- Yellow (59%)
- Blue (86%)



- Cyan (11%)
- Magenta (31%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (41%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 151, 219 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, 219 by changing the saturation by 10% instead.


 195, 151, 219


255, 255, 255


 252, 206, 255

 255, 234, 255

 195, 151, 219

 167, 125, 191


 140, 100, 164

 114, 75, 137

 89, 52, 112

 64, 29, 87

 41, 6, 63


 21, 0, 41


 0, 1, 19


 0, 0, 0


 195, 151, 219

 195, 151, 219

 187, 129, 219


 203, 173, 219

 180, 107, 219

 210, 195, 219

 172, 85, 219


 218, 217, 219


 164, 63, 219

 226, 239, 219

 156, 42, 219

 234, 255, 219

 149, 20, 219

 241, 255, 219

 142, 0, 219

 249, 255, 219

 255, 255, 219

Harmonies

Analogous

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



144, 165, 238



195, 151, 219



227, 141, 187

Triad

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



195, 151, 219



206, 159, 97



0, 187, 186

Complementary

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



195, 151, 219



175, 219, 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.



82, 186, 148



195, 151, 219



172, 171, 96

Square

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



195, 151, 219



230, 147, 117



131, 180, 115



0, 184, 218

Rectangle

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



195, 151, 219



237, 138, 162



131, 180, 115



36, 187, 173

Sweetspot

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



195, 151, 219



247, 232, 255



151, 176, 219



123, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



195, 151, 219



222, 161, 255



219, 151, 210



106, 99, 110



112, 0, 173



30, 0, 46

Inverse Universe

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



219, 151, 175



255, 161, 194



151, 219, 160



110, 99, 103



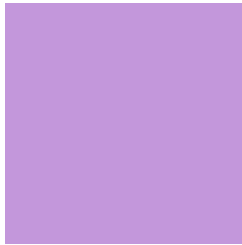
173, 0, 61



46, 0, 16

Previews

White Background



This preview shows how the RGB color 195, 151, 219 looks on a white background.

Color Contrast Check

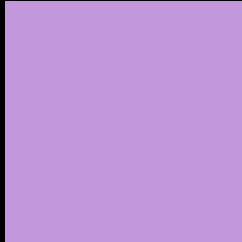
Large Text (above 18pt) WCAG AA × Fail

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, 219 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, 219 Background



This preview shows how black text looks on a background with the RGB color 195, 151, 219.

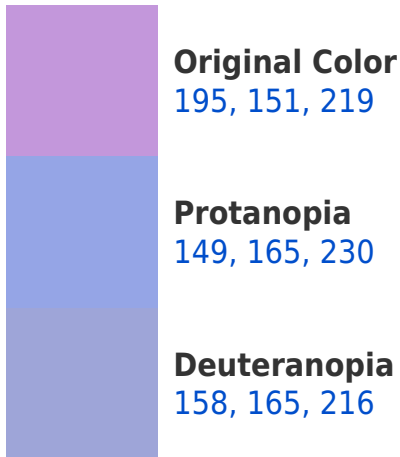



This preview shows how white text looks on a background with the RGB color 195, 151, 219.

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
188, 160, 173

Trichromacy



Original Color
195, 151, 219

Protanomaly
166, 160, 226

Deuteranomaly
171, 160, 217

Tritanomaly
191, 157, 190

Monochromacy



Original Color
195, 151, 219

Achromatopsia
172, 172, 172

Achromatomaly
180, 164, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 151, 219 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, 219)` looks like.

```
.text, #text, p{  
  color:rgb(195, 151, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 151, 219) }
```

Border

The CSS property to change the border of an element to RGB 195, 151, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

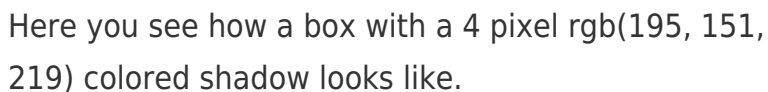
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 151, 219) }
```

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

```
.border{ border-color:rgb(195, 151, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 151, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 151, 219); box-shadow:4px 4px 4px 4px rgb(195, 151, 219) }
```

Background

The CSS property to change the background color of an element to RGB 195, 151, 219 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, 219) }
```

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

```
.background{ background-color: rgb(195,  
151, 219) }
```

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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