

Converting Colors

RGB(195, 121, 222)

Have a look what the booklet for
RGB(195, 121, 222) contains.

RGB(195, 121, 222)	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, 121, 222)

Conversions

Conversions Part 1

Format	Color
Hex	C379DE
RGB	195, 121, 222
RGB Percent	76%, 47%, 87%
CMY	0.2353, 0.5255, 0.1294
CMYK	0.12, 0.45, 0.00, 0.13
HSL	284°, 60%, 67%
HSV	284°, 45%, 87%
XYZ	42.5279, 30.5508, 72.7627
YIQ	154.6400, 11.6830, 47.0990

Conversions

Conversions Part 2

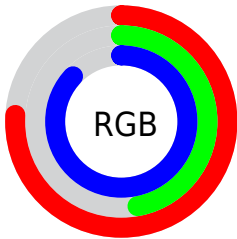
Format	Color
RYB	195, 121, 222
Decimal	12810718
CIELab	62.13, 45.67, -40.15
CIELCh	62, 60.816, 318.680
Yxy	30.5508, 0.2916, 0.2095
Android (android.graphics.Color)	4291000798 (0xFFC379DE)
YUV	154.6400, 33.2085, 35.3957
Hunter-Lab	55.2728, 40.6138, -39.3602

Details

The RGB color **195, 121, 222** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **148, 222, 121**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **253, 175, 255**, and **139, 69, 166** is the 20% darker color. If you saturate the color by 10%, you get **189, 99, 222**, and if you desaturate by 10%, it is **201, 143, 222**.

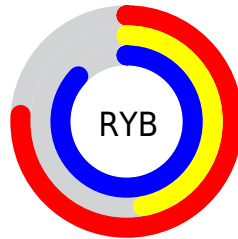
Distribution



Red (76%)

Green (47%)

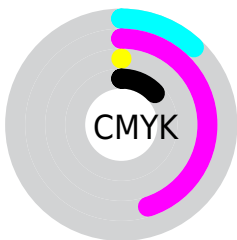
Blue (87%)



Red (76%)

Yellow (47%)

Blue (87%)

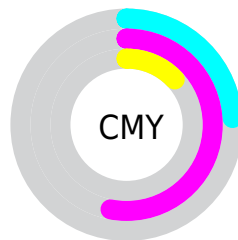


Cyan (12%)

Magenta (45%)

Yellow (0%)

Black (13%)



Cyan (24%)

Magenta (53%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 121, 222 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, 121, 222 by changing the saturation by 10% instead.

 195, 121, 222

255, 255, 255

 253, 175, 255

 255, 203, 255

 255, 232, 255

 195, 121, 222

 167, 95, 194

 139, 69, 166

 112, 44, 140

 86, 16, 114

 60, 0, 89

 37, 0, 65


 0, 0, 42


 0, 1, 20


 0, 0, 0

 195, 121, 222

 195, 121, 222

 189, 99, 222


 201, 143, 222

 183, 77, 222


 207, 165, 222

 177, 54, 222

 213, 188, 222

 171, 32, 222

 219, 210, 222

 165, 10, 222

 225, 232, 222

 163, 0, 222

 231, 254, 222

 237, 255, 222

 242, 255, 222

 248, 255, 222

Harmonies

Analogous

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



112, 144, 253



195, 121, 222



238, 102, 173

Triad

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



195, 121, 222



195, 140, 35



0, 176, 183

Complementary

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



195, 121, 222



148, 222, 121

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, 175, 127



195, 121, 222



146, 158, 35

Square

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



195, 121, 222



231, 118, 70



80, 169, 75



0, 172, 230

Rectangle

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



195, 121, 222



248, 99, 137



80, 169, 75



0, 176, 165

Sweetspot

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



195, 121, 222



245, 219, 255



121, 150, 222



122, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



195, 121, 222



218, 115, 255



222, 121, 200



109, 101, 112



129, 0, 176



35, 0, 48

Inverse Universe

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



222, 121, 148



255, 115, 152



121, 222, 143



112, 101, 104



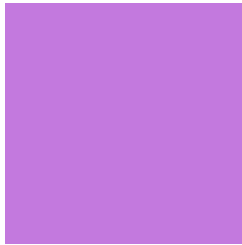
176, 0, 47



48, 0, 13

Previews

White Background



This preview shows how the RGB color 195, 121, 222 looks on a white background.

Color Contrast Check

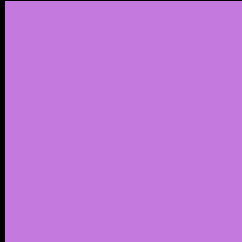
Large Text (above 18pt) WCAG AA × Fail

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, 121, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

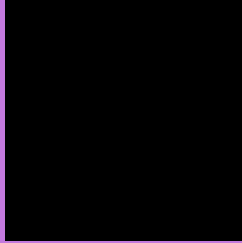
Any Text WCAG AA ✓ Pass

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, 121, 222 Background



This preview shows how black text looks on a background with the RGB color 195, 121, 222.

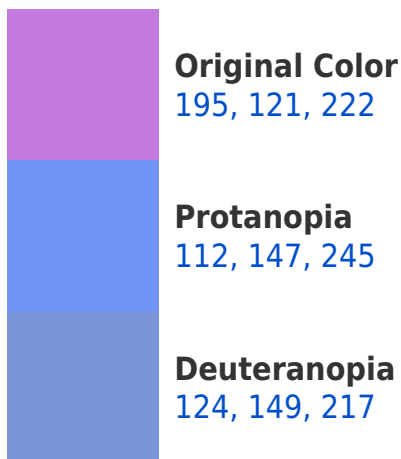



This preview shows how white text looks on a background with the RGB color 195, 121, 222.

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

184, 138, 148

Trichromacy



Original Color

195, 121, 222



Protanomaly

142, 138, 237



Deuteranomaly

150, 139, 219



Tritanomaly

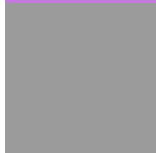
188, 132, 175

Monochromacy



Original Color

195, 121, 222



Achromatopsia

155, 155, 155



Achromatomaly

170, 143, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 121, 222 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, 121, 222)` looks like.

```
.text, #text, p{  
    color:rgb(195, 121, 222)  
}
```

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, 121, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 121, 222) }
```

Border

The CSS property to change the border of an element to RGB 195, 121, 222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

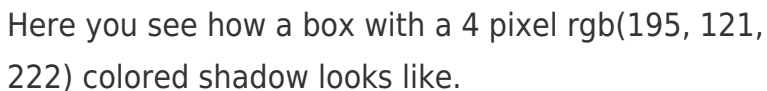
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 121, 222) }
```

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

```
.border{ border-color:rgb(195, 121, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 121, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 121, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 121, 222); box-shadow:4px 4px 4px 4px rgb(195, 121, 222) }
```

Background

The CSS property to change the background color of an element to RGB 195, 121, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 121, 222) }
```

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

```
.background{ background-color: rgb(195,  
121, 222) }
```

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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