

Converting Colors

RGB(201, 129, 243)

Have a look what the booklet for
RGB(201, 129, 243) contains.

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Color

RGB(201, 129, 243)

Conversions

Conversions Part 1

Format	Color
Hex	C981F3
RGB	201, 129, 243
RGB Percent	79%, 51%, 95%
CMY	0.2118, 0.4941, 0.0471
CMYK	0.17, 0.47, 0.00, 0.05
HSL	278°, 83%, 73%
HSV	278°, 47%, 95%
XYZ	48.1153, 34.5891, 88.9344
YIQ	163.5240, 6.3180, 50.7180

Conversions

Conversions Part 2

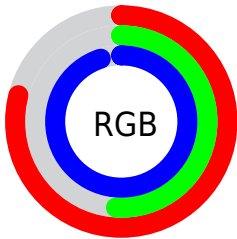
Format	Color
R _Y B	201, 129, 243
Decimal	13206003
CIE Lab	65.43, 47.51, -46.56
CIE LCh	65, 66.522, 315.578
Yxy	34.5891, 0.2803, 0.2015
Android (android.graphics.Color)	4291396083 (0xFFC981F3)
YUV	163.5240, 39.1817, 32.8665
Hunter-Lab	58.8125, 43.1115, -48.4878

Details

The RGB color **201, 129, 243** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **171, 243, 129**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 183, 255**, and **145, 77, 186** is the 20% darker color. If you saturate the color by 10%, you get **192, 105, 243**, and if you desaturate by 10%, it is **210, 153, 243**.

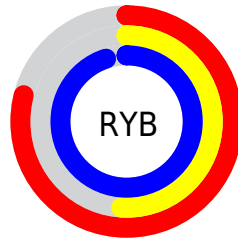
Distribution



Red (79%)

Green (51%)

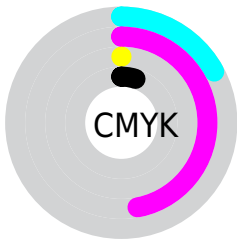
Blue (95%)



Red (79%)

Yellow (51%)

Blue (95%)

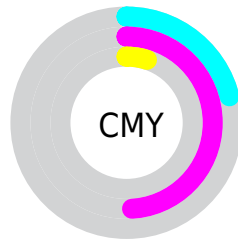


Cyan (17%)

Magenta (47%)

Yellow (0%)

Black (5%)



Cyan (21%)


Magenta (49%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 129, 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 RGB color 201, 129, 243 by changing the saturation by 10% instead.


 201, 129, 243

255, 255, 255


 255, 183, 255

 255, 212, 255

 255, 240, 255

 201, 129, 243

 173, 103, 214

 145, 77, 186

 117, 52, 159

 90, 25, 132


 64, 0, 107


 37, 0, 82


 7, 0, 58


 0, 2, 35

 0, 0, 10

 201, 129, 243

 201, 129, 243

 192, 105, 243


 210, 153, 243

 183, 80, 243

 219, 178, 243

 174, 56, 243

 228, 202, 243

 165, 32, 243

 237, 226, 243

 156, 8, 243

 246, 251, 243

 153, 0, 243

 255, 255, 243

 255, 255, 243

Harmonies

Analogous

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



99, 155, 255



201, 129, 243



252, 105, 190

Triad

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



201, 129, 243



213, 146, 31



0, 187, 189

Complementary

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



201, 129, 243



171, 243, 129

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, 185, 127



201, 129, 243



159, 166, 24

Square

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



201, 129, 243



251, 121, 76



89, 178, 69



0, 184, 243

Rectangle

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



201, 129, 243



255, 100, 150



89, 178, 69



0, 187, 169

Sweetspot

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



201, 129, 243



242, 219, 255



129, 173, 243



120, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 129, 243



202, 112, 255



243, 129, 230



118, 110, 122



118, 0, 186



37, 0, 59

Inverse Universe

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



243, 129, 171



255, 112, 165



129, 243, 142



122, 110, 115



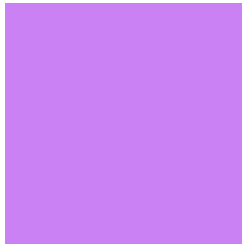
186, 0, 69



59, 0, 22

Previews

White Background



This preview shows how the RGB color 201, 129, 243 looks on a white background.

Color Contrast Check

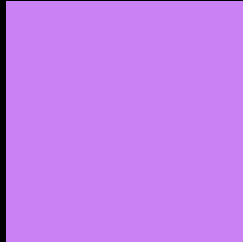
Large Text (above 18pt) WCAG AA × Fail

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 201, 129, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

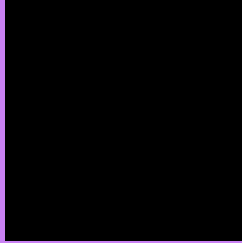
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 201, 129, 243 Background



This preview shows how black text looks on a background with the RGB color 201, 129, 243.

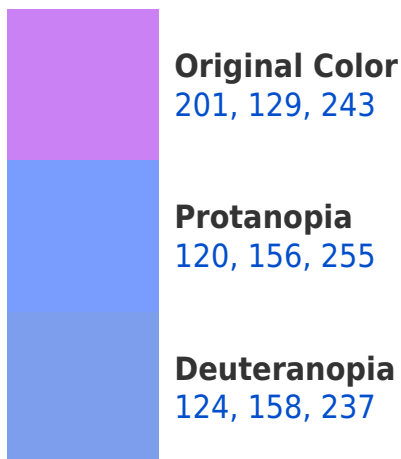


This preview shows how white text looks on a background with the RGB color 201, 129, 243.

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
188, 148, 160

Trichromacy



Original Color

201, 129, 243



Protanomaly

149, 146, 251



Deuteranomaly

152, 147, 239



Tritanomaly

193, 141, 190

Monochromacy



Original Color

201, 129, 243



Achromatopsia

164, 164, 164



Achromatomaly

177, 151, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 129, 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(201, 129, 243)` looks like.

```
.text, #text, p{  
    color:rgb(201, 129, 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(201, 129, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 129, 243) }
```

Border

The CSS property to change the border of an element to RGB 201, 129, 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(201, 129, 243) }
```

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

```
.border{ border-color:rgb(201, 129, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 129, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 129, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 129, 243); box-shadow:4px 4px 4px 4px rgb(201, 129, 243) }
```

Background

The CSS property to change the background color of an element to RGB 201, 129, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 129, 243) }
```

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

```
.background{ background-color: rgb(201,  
129, 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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