

Converting Colors

RGB(201, 125, 231)

Have a look what the booklet for
RGB(201, 125, 231) contains.

RGB(201, 125, 231)	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(201, 125, 231)

Conversions

Conversions Part 1

Format	Color
Hex	C97DE7
RGB	201, 125, 231
RGB Percent	79%, 49%, 91%
CMY	0.2118, 0.5098, 0.0941
CMYK	0.13, 0.46, 0.00, 0.09
HSL	283°, 69%, 70%
HSV	283°, 46%, 91%
XYZ	45.8448, 32.8543, 79.5265
YIQ	159.8080, 11.2700, 49.0780

Conversions

Conversions Part 2

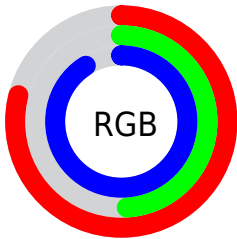
Format	Color
R _Y B	201, 125, 231
Decimal	13204967
CIE Lab	64.04, 47.11, -42.11
CIE LCh	64, 63.186, 318.208
Yxy	32.8543, 0.2897, 0.2076
Android (android.graphics.Color)	4291395047 (0xFFC97DE7)
YUV	159.8080, 35.0977, 36.1254
Hunter-Lab	57.3186, 42.4610, -42.1386

Details

The RGB color **201, 125, 231** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **155, 231, 125**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 179, 255**, and **145, 73, 175** is the 20% darker color. If you saturate the color by 10%, you get **194, 102, 231**, and if you desaturate by 10%, it is **208, 148, 231**.

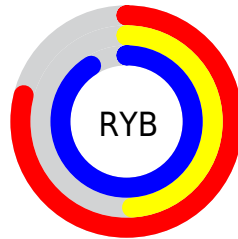
Distribution



Red (79%)

Green (49%)

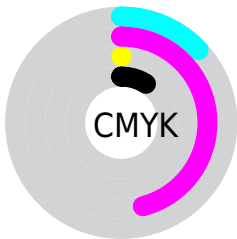
Blue (91%)



Red (79%)

Yellow (49%)

Blue (91%)

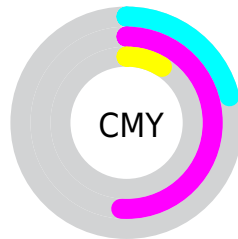


Cyan (13%)

Magenta (46%)

Yellow (0%)

Black (9%)



Cyan (21%)


Magenta (51%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 125, 231 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, 125, 231 by changing the saturation by 10% instead.

 201, 125, 231

 201, 125, 231

255, 255, 255

 173, 99, 203

 255, 179, 255

 145, 73, 175

 255, 207, 255

 118, 47, 148

 255, 236, 255

 91, 20, 122


 65, 0, 96


 40, 0, 72

 9, 0, 49


 0, 1, 27


 0, 0, 0


 201, 125, 231


 201, 125, 231


 194, 102, 231


 208, 148, 231

 188, 79, 231

 214, 171, 231

 181, 56, 231

 221, 194, 231

 175, 33, 231

 227, 217, 231

 168, 9, 231

 234, 241, 231

 166, 0, 231

 240, 255, 231

 247, 255, 231

 253, 255, 231

 255, 255, 231

Harmonies

Analogous

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



113, 149, 255



201, 125, 231



246, 104, 180

Triad

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



201, 125, 231



203, 144, 34



0, 182, 189

Complementary

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



201, 125, 231



155, 231, 125

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, 181, 130



201, 125, 231



151, 163, 34

Square

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



201, 125, 231



240, 122, 72



83, 175, 75



0, 178, 238

Rectangle

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



201, 125, 231



255, 101, 142



83, 175, 75



0, 182, 170

Sweetspot

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



201, 125, 231



245, 219, 255



125, 155, 231



121, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 125, 231



215, 115, 255



231, 125, 208



112, 103, 115



128, 0, 179



37, 0, 51

Inverse Universe

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



231, 125, 155



255, 115, 154



125, 231, 148



115, 103, 107



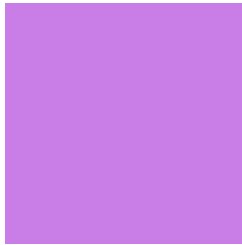
179, 0, 51



51, 0, 14

Previews

White Background



This preview shows how the RGB color 201, 125, 231 looks on a white background.

Color Contrast Check

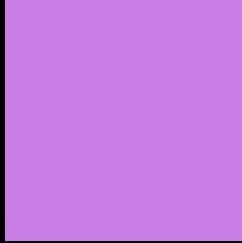
Large Text (above 18pt) WCAG AA × Fail

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, 125, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

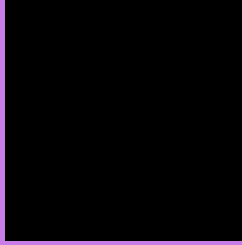
Any Text WCAG AA ✓ Pass

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, 125, 231 Background



This preview shows how black text looks on a background with the RGB color 201, 125, 231.

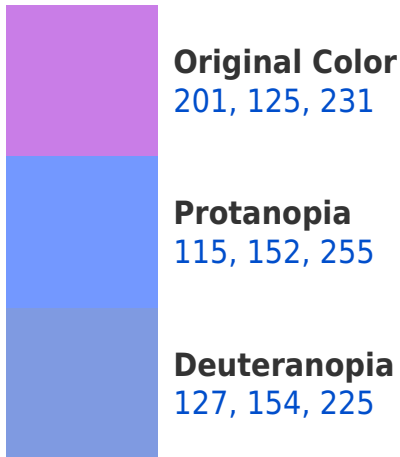



This preview shows how white text looks on a background with the RGB color 201, 125, 231.

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
190, 143, 154

Trichromacy



Original Color
201, 125, 231



Protanomaly
146, 142, 246



Deuteranomaly
154, 143, 227



Tritanomaly
194, 136, 182

Monochromacy



Original Color
201, 125, 231



Achromatopsia
160, 160, 160



Achromatomaly
175, 147, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 125, 231 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, 125, 231)` looks like.

```
.text, #text, p{  
    color:rgb(201, 125, 231)  
}
```

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, 125, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 125, 231) }
```

Border

The CSS property to change the border of an element to RGB 201, 125, 231 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, 125, 231) }
```

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

```
.border{ border-color:rgb(201, 125, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 125, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 125, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 125, 231); box-shadow:4px 4px 4px 4px rgb(201, 125, 231) }
```

Background

The CSS property to change the background color of an element to RGB 201, 125, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 125, 231) }
```

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

```
.background{ background-color: rgb(201,  
125, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor