

Converting Colors

RGB(206, 114, 246)

Have a look what the booklet for
RGB(206, 114, 246) contains.

| | |
|--|----|
| RGB(206, 114, 246) | 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(206, 114, 246)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CE72F6 |
| RGB | 206, 114, 246 |
| RGB Percent | 81%, 45%, 96% |
| CMY | 0.1922, 0.5529, 0.0353 |
| CMYK | 0.16, 0.54, 0.00, 0.04 |
| HSL | 282°, 88%, 71% |
| HSV | 282°, 54%, 96% |
| XYZ | 48.1055, 31.8103, 90.7933 |
| YIQ | 156.5560, 12.4600, 60.5560 |

Conversions

Conversions Part 2

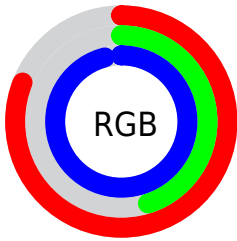
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 206, 114, 246 |
| Decimal | 13529846 |
| CIE _{Lab} | 63.19, 57.15, -51.72 |
| CIE _{LCh} | 63, 77.075, 317.853 |
| Yxy | 31.8103, 0.2818, 0.1863 |
| Android (android.graphics.Color) | 4291719926 (0xFFCE72F6) |
| YUV | 156.5560, 44.0959, 43.3624 |
| Hunter-Lab | 56.4006, 53.5461, -55.9643 |

Details

The RGB color **206, 114, 246** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **154, 246, 114**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **255, 169, 255**, and **149, 60, 189** is the 20% darker color. If you saturate the color by 10%, you get **199, 89, 246**, and if you desaturate by 10%, it is **213, 139, 246**.

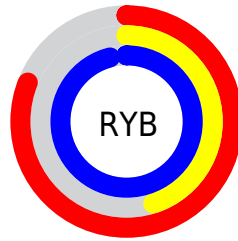
Distribution



Red (81%)

Green (45%)

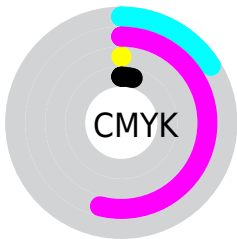
Blue (96%)



Red (81%)

Yellow (45%)

Blue (96%)

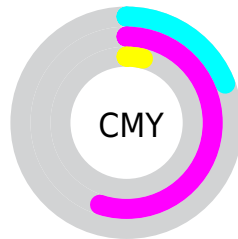


Cyan (16%)

Magenta (54%)

Yellow (0%)

Black (4%)



Cyan (19%)

Magenta (55%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the RGB color 206, 114, 246 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 206, 114, 246 by changing the saturation by 10% instead.

 206, 114, 246

255, 255, 255

 255, 169, 255


 255, 197, 255

 255, 226, 255

 206, 114, 246

 177, 87, 217

 149, 60, 189

 121, 31, 161


 93, 0, 135

 66, 0, 109

 39, 0, 84

 3, 0, 60


 0, 2, 37


 0, 1, 13


 206, 114, 246

 206, 114, 246


 199, 89, 246


 213, 139, 246

 191, 65, 246


 221, 163, 246

 184, 40, 246


 228, 188, 246

 176, 16, 246

 236, 212, 246

 171, 0, 246

 243, 237, 246

 251, 255, 246

 255, 255, 246

Harmonies

Analogous

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



80, 147, 255



206, 114, 246



255, 82, 184

Triad

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



206, 114, 246



207, 140, 0



0, 184, 193

Complementary

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



206, 114, 246



154, 246, 114

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, 182, 122



206, 114, 246



145, 162, 0

Square

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



206, 114, 246



252, 109, 51



53, 175, 51



0, 180, 254

Rectangle

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



206, 114, 246



255, 75, 138



53, 175, 51



0, 184, 170

Sweetspot

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



206, 114, 246



243, 214, 255



114, 156, 246



120, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



206, 114, 246



206, 92, 255



246, 114, 222



119, 110, 122



130, 0, 186



41, 0, 59

Inverse Universe

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



246, 114, 154



255, 92, 141



114, 246, 138



122, 110, 114



186, 0, 56



59, 0, 18

Previews

White Background



This preview shows how the RGB color 206, 114, 246 looks on a white background.

Color Contrast Check

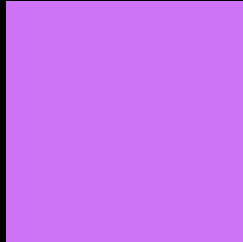
Large Text (above 18pt) WCAG AA × Fail

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 206, 114, 246 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 206, 114, 246 Background



This preview shows how black text looks on a background with the RGB color 206, 114, 246.

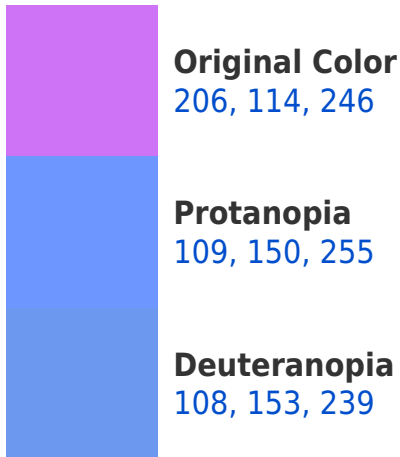


This preview shows how white text looks on a background with the RGB color 206, 114, 246.

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
191, 139, 149

Trichromacy



Original Color

206, 114, 246



Protanomaly

144, 137, 252



Deuteranomaly

144, 139, 242



Tritanomaly

196, 130, 184

Monochromacy



Original Color

206, 114, 246



Achromatopsia

157, 157, 157



Achromatomaly

175, 141, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 114, 246 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(206, 114, 246)` looks like.

```
.text, #text, p{  
    color:rgb(206, 114, 246)  
}
```

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(206, 114, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 114, 246) }
```

Border

The CSS property to change the border of an element to RGB 206, 114, 246 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(206, 114, 246) }
```

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

```
.border{ border-color:rgb(206, 114, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 114, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 114, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 114, 246);  
box-shadow:4px 4px 4px 4px rgb(206, 114,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 206, 114, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 114, 246) }
```

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

```
.background{ background-color: rgb(206,  
114, 246) }
```

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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