

Converting Colors

RGB(200, 146, 245)

Have a look what the booklet for
RGB(200, 146, 245) contains.

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Color

RGB(200, 146, 245)

Conversions

Conversions Part 1

Format	Color
Hex	C892F5
RGB	200, 146, 245
RGB Percent	78%, 57%, 96%
CMY	0.2157, 0.4275, 0.0392
CMYK	0.18, 0.40, 0.00, 0.04
HSL	273°, 83%, 77%
HSV	273°, 40%, 96%
XYZ	50.5797, 39.4297, 91.3311
YIQ	173.4320, 0.4050, 42.2370

Conversions

Conversions Part 2

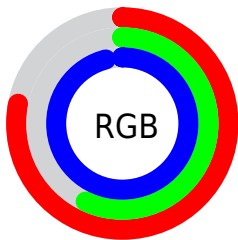
Format	Color
R _Y B	200, 146, 245
Decimal	13144821
CIE Lab	69.06, 38.54, -41.96
CIE LCh	69, 56.972, 312.565
Yxy	39.4297, 0.2789, 0.2174
Android (android.graphics.Color)	4291334901 (0xFFC892F5)
YUV	173.4320, 35.2830, 23.3001
Hunter-Lab	62.7931, 33.8936, -42.2808

Details

The RGB color `200, 146, 245` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `191, 245, 146`, and the grayscale version is `173, 173, 173`.

A 20% lighter version of the original color is `255, 201, 255`, and `144, 94, 188` is the 20% darker color. If you saturate the color by 10%, you get `189, 122, 245`, and if you desaturate by 10%, it is `211, 171, 245`.

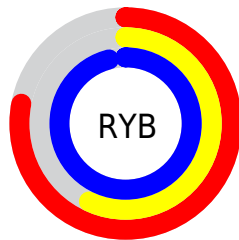
Distribution



Red (78%)

Green (57%)

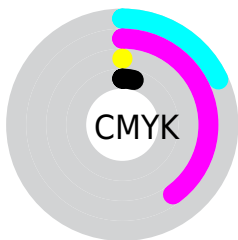
Blue (96%)



Red (78%)

Yellow (57%)

Blue (96%)

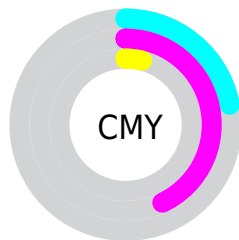


Cyan (18%)

Magenta (40%)

Yellow (0%)

Black (4%)



Cyan (22%)


Magenta (43%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 146, 245 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 200, 146, 245 by changing the saturation by 10% instead.


 200, 146, 245

255, 255, 255

 255, 201, 255

 255, 229, 255

 200, 146, 245

 172, 120, 216

 144, 94, 188

 117, 70, 161

 91, 45, 134


 65, 21, 109


 39, 0, 84


 18, 0, 60


 0, 2, 37


 0, 1, 14


 200, 146, 245

 200, 146, 245

 189, 122, 245

 211, 171, 245

 178, 97, 245


 222, 195, 245

 167, 72, 245

 233, 220, 245

 155, 48, 245

 245, 244, 245

 144, 23, 245

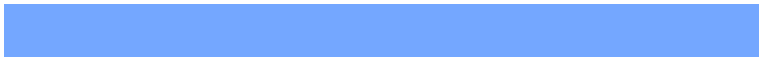
 255, 255, 245

 134, 0, 245

Harmonies

Analogous

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



116, 167, 255



200, 146, 245



248, 128, 201

Triad

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



200, 146, 245



222, 155, 67



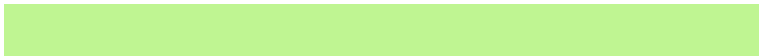
0, 194, 189

Complementary

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



200, 146, 245



191, 245, 146

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, 192, 136



200, 146, 245



177, 173, 61

Square

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



200, 146, 245



254, 135, 101



120, 185, 89



0, 191, 237

Rectangle

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



200, 146, 245



255, 123, 166



120, 185, 89



0, 194, 172

Sweetspot

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



200, 146, 245



241, 224, 255



146, 192, 245



119, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



200, 146, 245



199, 133, 255



245, 146, 242



117, 110, 122



102, 0, 186



32, 0, 59

Inverse Universe

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



245, 146, 191



255, 133, 188



146, 245, 149



122, 110, 116



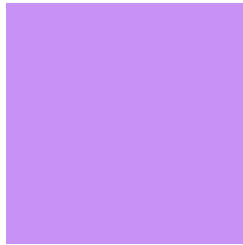
186, 0, 85



59, 0, 27

Previews

White Background



This preview shows how the RGB color 200, 146, 245 looks on a white background.

Color Contrast Check

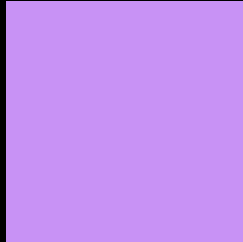
Large Text (above 18pt) WCAG AA × Fail

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 200, 146, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

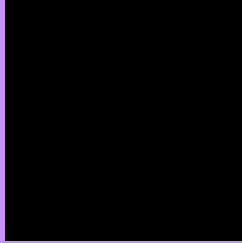
Any Text WCAG AA ✓ Pass

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 200, 146, 245 Background



This preview shows how black text looks on a background with the RGB color 200, 146, 245.

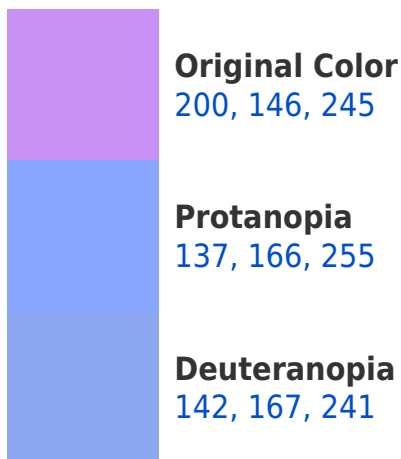



This preview shows how white text looks on a background with the RGB color 200, 146, 245.

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, 161, 174

Trichromacy



Original Color

200, 146, 245



Protanomaly

160, 159, 251



Deuteranomaly

163, 159, 242



Tritanomaly

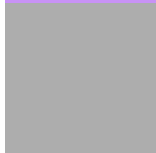
192, 156, 200

Monochromacy



Original Color

200, 146, 245



Achromatopsia

173, 173, 173



Achromatomaly

183, 163, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 146, 245 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(200, 146, 245) looks like.

```
.text, #text, p{  
    color:rgb(200, 146, 245)  
}
```

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(200, 146, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 146, 245) }
```

Border

The CSS property to change the border of an element to RGB 200, 146, 245 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(200, 146, 245) }
```

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

```
.border{ border-color:rgb(200, 146, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 146, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 146, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 146, 245);  
box-shadow:4px 4px 4px 4px rgb(200, 146,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 200, 146, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 146, 245) }
```

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

```
.background{ background-color: rgb(200,  
146, 245) }
```

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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