

Converting Colors

RGB(211, 146, 249)

Have a look what the booklet for
RGB(211, 146, 249) contains.

RGB(211, 146, 249)	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(211, 146, 249)

Conversions

Conversions Part 1

Format	Color
Hex	D392F9
RGB	211, 146, 249
RGB Percent	83%, 57%, 98%
CMY	0.1725, 0.4275, 0.0235
CMYK	0.15, 0.41, 0.00, 0.02
HSL	278°, 90%, 77%
HSV	278°, 41%, 98%
XYZ	54.2417, 41.2462, 94.7250
YIQ	177.1770, 5.6770, 45.8130

Conversions

Conversions Part 2

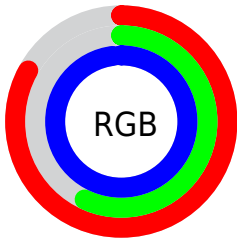
Format	Color
R _Y B	211, 146, 249
Decimal	13865721
CIE Lab	70.35, 42.54, -42.05
CIE LCh	70, 59.817, 315.334
Yxy	41.2462, 0.2852, 0.2168
Android (android.graphics.Color)	4292055801 (0xFFD392F9)
YUV	177.1770, 35.4087, 29.6628
Hunter-Lab	64.2232, 38.3672, -42.4926

Details

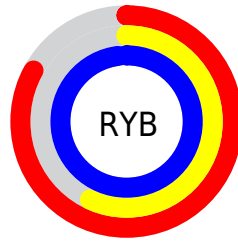
The RGB color **211, 146, 249** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **184, 249, 146**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 201, 255**, and **155, 94, 192** is the 20% darker color. If you saturate the color by 10%, you get **202, 121, 249**, and if you desaturate by 10%, it is **220, 171, 249**.

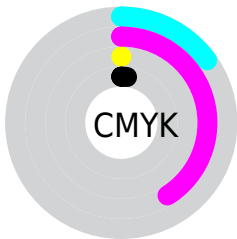
Distribution



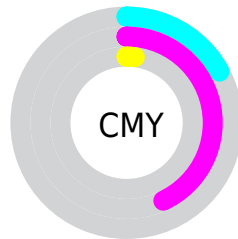
- Red (83%)
- Green (57%)
- Blue (98%)



- Red (83%)
- Yellow (57%)
- Blue (98%)



- Cyan (15%)
- Magenta (41%)
- Yellow (0%)
- Black (2%)



- Cyan (17%)
- Magenta (43%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 211, 146, 249 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 211, 146, 249 by changing the saturation by 10% instead.

 211, 146, 249

255, 255, 255

 255, 201, 255


 255, 229, 255

 211, 146, 249

 183, 120, 220

 155, 94, 192

 127, 69, 165


 101, 44, 138


 75, 18, 112


 49, 0, 87


 28, 0, 63


 0, 2, 40


 0, 1, 18


 211, 146, 249


 211, 146, 249

 202, 121, 249

 220, 171, 249

 193, 96, 249


 229, 196, 249

 183, 71, 249

 239, 221, 249

 174, 46, 249

 248, 246, 249

 165, 22, 249

 255, 255, 249

 157, 0, 249

Harmonies

Analogous

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



126, 168, 255



211, 146, 249



255, 127, 201

Triad

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



211, 146, 249



224, 160, 62



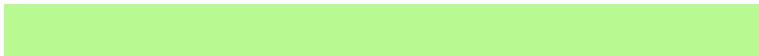
0, 199, 199

Complementary

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



211, 146, 249



184, 249, 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, 197, 143



211, 146, 249



175, 178, 59

Square

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



211, 146, 249



255, 139, 97



113, 190, 92



0, 195, 248

Rectangle

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



211, 146, 249



255, 123, 164



113, 190, 92



0, 199, 180

Sweetspot

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



211, 146, 249



244, 224, 255



146, 185, 249



121, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



211, 146, 249



208, 128, 255



249, 146, 237



120, 112, 125



119, 0, 189



39, 0, 61

Inverse Universe

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



249, 146, 184



255, 128, 175



146, 249, 158



125, 112, 117



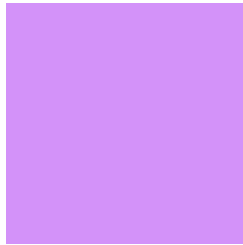
189, 0, 70



61, 0, 23

Previews

White Background



This preview shows how the RGB color 211, 146, 249 looks on a white background.

Color Contrast Check

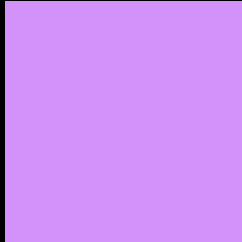
Large Text (above 18pt) WCAG AA × Fail

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 211, 146, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

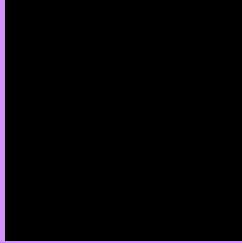
Any Text WCAG AA ✓ Pass

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 211, 146, 249 Background



This preview shows how black text looks on a background with the RGB color 211, 146, 249.




This preview shows how white text looks on a background with the RGB color 211, 146, 249.

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
199, 162, 175

Trichromacy



Original Color

211, 146, 249



Protanomaly

168, 161, 253



Deuteranomaly

170, 161, 246



Tritanomaly

203, 156, 202

Monochromacy



Original Color

211, 146, 249



Achromatopsia

177, 177, 177



Achromatomaly

189, 166, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 211, 146, 249 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(211, 146, 249) looks like.

```
.text, #text, p{  
    color:rgb(211, 146, 249)  
}
```

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(211, 146, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 146, 249) }
```

Border

The CSS property to change the border of an element to RGB 211, 146, 249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

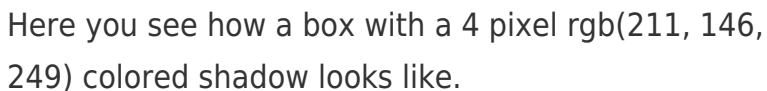
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 146, 249) }
```

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

```
.border{ border-color:rgb(211, 146, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(211, 146, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 146, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 146, 249);  
box-shadow:4px 4px 4px 4px rgb(211, 146,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 211, 146, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 146, 249) }
```

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

```
.background{ background-color: rgb(211,  
146, 249) }
```

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