

Converting Colors

RGB(217, 136, 244)

Have a look what the booklet for
RGB(217, 136, 244) contains.

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Color

RGB(217, 136, 244)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D988F4 |
| RGB | 217, 136, 244 |
| RGB Percent | 85%, 53%, 96% |
| CMY | 0.1490, 0.4667, 0.0431 |
| CMYK | 0.11, 0.44, 0.00, 0.04 |
| HSL | 285°, 83%, 75% |
| HSV | 285°, 44%, 96% |
| XYZ | 53.7486, 38.8917, 90.2619 |
| YIQ | 172.5310, 13.6080, 50.7600 |

Conversions

Conversions Part 2

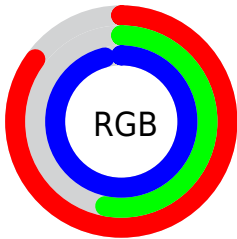
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 217, 136, 244 |
| Decimal | 14256372 |
| CIE Lab | 68.67, 48.50, -41.89 |
| CIE LCh | 69, 64.090, 319.183 |
| Yxy | 38.8917, 0.2939, 0.2126 |
| Android (android.graphics.Color) | 4292446452 (0xFFD988F4) |
| YUV | 172.5310, 35.2342, 38.9993 |
| Hunter-Lab | 62.3632, 44.7070, -42.1597 |

Details

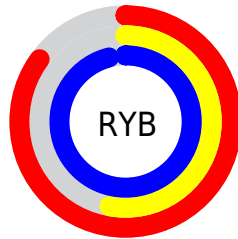
The RGB color **217, 136, 244** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **163, 244, 136**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 191, 255**, and **160, 83, 187** is the 20% darker color. If you saturate the color by 10%, you get **211, 112, 244**, and if you desaturate by 10%, it is **223, 160, 244**.

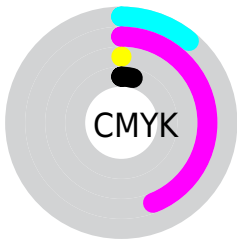
Distribution



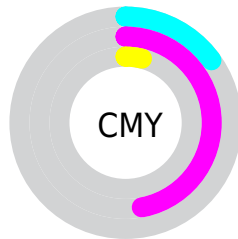
- Red (85%)
- Green (53%)
- Blue (96%)



- Red (85%)
- Yellow (53%)
- Blue (96%)



- Cyan (11%)
- Magenta (44%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (47%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 136, 244 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 217, 136, 244 by changing the saturation by 10% instead.

 217, 136, 244

 217, 136, 244

255, 255, 255

 188, 109, 215

 255, 191, 255

 160, 83, 187

 255, 219, 255


 133, 57, 160

 255, 248, 255

 106, 31, 133


 79, 0, 108

 53, 0, 83


 31, 0, 59


 0, 2, 36

 0, 0, 12

 217, 136, 244


 217, 136, 244

 211, 112, 244


 223, 160, 244


 205, 87, 244

 229, 185, 244

 199, 63, 244

 235, 209, 244

 193, 38, 244

 241, 234, 244

 187, 14, 244

 248, 255, 244

 183, 0, 244

 254, 255, 244

 255, 255, 244

Harmonies

Analogous

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



130, 161, 255



217, 136, 244



255, 116, 191

Triad

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



217, 136, 244



216, 157, 45



0, 195, 204

Complementary

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



217, 136, 244



163, 244, 136

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, 194, 144



217, 136, 244



162, 176, 46

Square

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



217, 136, 244



255, 134, 81



92, 188, 87



0, 191, 254

Rectangle

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



217, 136, 244



255, 113, 152



92, 188, 87



0, 195, 184

Sweetspot

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



217, 136, 244



247, 222, 255



136, 163, 244



122, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



217, 136, 244



221, 120, 255



244, 136, 217



119, 110, 122



140, 0, 186



44, 0, 59

Inverse Universe

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



244, 136, 163



255, 120, 154



136, 244, 163



122, 110, 113



186, 0, 47



59, 0, 15

Previews

White Background



This preview shows how the RGB color 217, 136, 244 looks on a white background.

Color Contrast Check

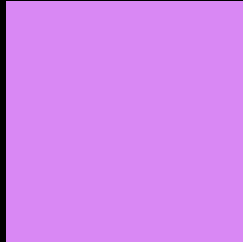
Large Text (above 18pt) WCAG AA × Fail

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 217, 136, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

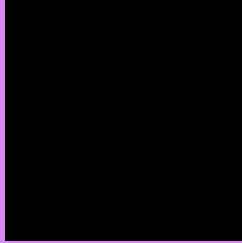
Any Text WCAG AA ✓ Pass

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 217, 136, 244 Background



This preview shows how black text looks on a background with the RGB color 217, 136, 244.

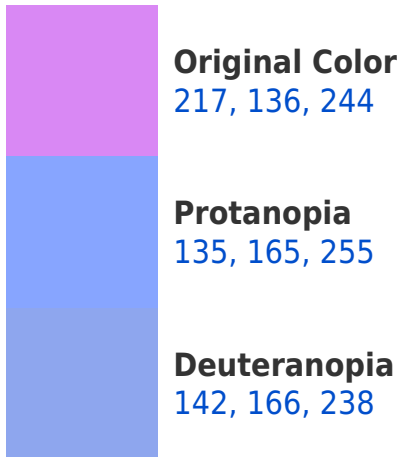


This preview shows how white text looks on a background with the RGB color 217, 136, 244.

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
206, 154, 166

Trichromacy



Original Color

217, 136, 244



Protanomaly

165, 154, 251



Deuteranomaly

169, 155, 240



Tritanomaly

210, 147, 194

Monochromacy



Original Color

217, 136, 244



Achromatopsia

173, 173, 173



Achromatomaly

189, 160, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 136, 244 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(217, 136, 244)` looks like.

```
.text, #text, p{  
    color:rgb(217, 136, 244)  
}
```

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(217, 136, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 136, 244) }
```

Border

The CSS property to change the border of an element to RGB 217, 136, 244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

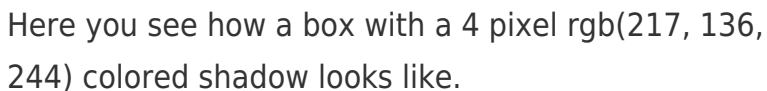
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 136, 244) }
```

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

```
.border{ border-color:rgb(217, 136, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 136, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 136, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 136, 244); box-shadow:4px 4px 4px 4px rgb(217, 136, 244) }
```

Background

The CSS property to change the background color of an element to RGB 217, 136, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 136, 244) }
```

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

```
.background{ background-color: rgb(217,  
136, 244) }
```

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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