

Converting Colors

RGB(252, 116, 245)

Have a look what the booklet for
RGB(252, 116, 245) contains.

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Color

RGB(252, 116, 245)

Conversions

Conversions Part 1

Format	Color
Hex	FC74F5
RGB	252, 116, 245
RGB Percent	99%, 45%, 96%
CMY	0.0118, 0.5451, 0.0392
CMYK	0.00, 0.54, 0.03, 0.01
HSL	303°, 96%, 72%
HSV	303°, 54%, 99%
XYZ	62.8717, 39.7788, 90.7506
YIQ	171.3700, 39.6470, 68.9510

Conversions

Conversions Part 2

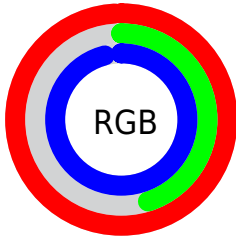
Format	Color
R _Y B	252, 116, 245
Decimal	16545013
CIE Lab	69.31, 67.93, -41.13
CIE LCh	69, 79.412, 328.808
Yxy	39.7788, 0.3251, 0.2057
Android (android.graphics.Color)	4294735093 (0xFFFC74F5)
YUV	171.3700, 36.2996, 70.7125
Hunter-Lab	63.0704, 67.5643, -41.1617

Details

The RGB color **252, 116, 245** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **116, 252, 123**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 173, 255**, and **193, 57, 188** is the 20% darker color. If you saturate the color by 10%, you get **252, 91, 244**, and if you desaturate by 10%, it is **252, 141, 246**.

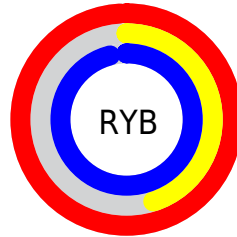
Distribution



Red (99%)

Green (45%)

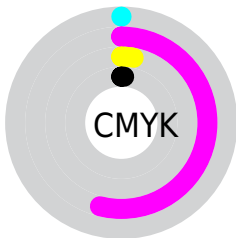
Blue (96%)



Red (99%)

Yellow (45%)

Blue (96%)

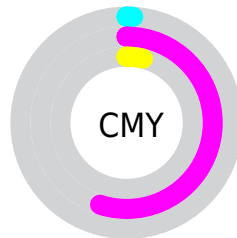


Cyan (0%)

Magenta (54%)

Yellow (3%)

Black (1%)



Cyan (1%)


Magenta (55%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 252, 116, 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 252, 116, 245 by changing the saturation by 10% instead.

 252, 116, 245

255, 255, 255


 255, 173, 255

 255, 202, 255

 255, 232, 255

 252, 116, 245

 222, 87, 216

 193, 57, 188

 164, 18, 161

 135, 0, 134


 107, 0, 109

 80, 0, 84

 55, 0, 60


 23, 0, 37

 0, 1, 13


 252, 116, 245

 252, 116, 245


 252, 91, 244


 252, 141, 246

 252, 66, 242

 252, 166, 248

 252, 40, 241

 252, 192, 249

 252, 15, 240

 252, 217, 250

 252, 0, 239

 252, 242, 251

 252, 255, 253

 252, 255, 254

 252, 255, 255

Harmonies

Analogous

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



159, 151, 255



252, 116, 245



255, 92, 175

Triad

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



252, 116, 245



205, 165, 0



0, 201, 237

Complementary

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



252, 116, 245



116, 252, 123

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, 201, 164



252, 116, 245



134, 185, 3

Square

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



252, 116, 245



255, 136, 38



0, 196, 90



0, 195, 255

Rectangle

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



252, 116, 245



255, 96, 127



0, 196, 90



0, 202, 214

Sweetspot

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



252, 116, 245



255, 214, 253



123, 116, 252



128, 103, 126



0, 0, 0



128, 128, 128

Same Dimension

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



252, 116, 245



255, 89, 246



252, 116, 177



125, 112, 124



189, 0, 179



61, 0, 58

Inverse Universe

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



252, 116, 245



255, 89, 246



116, 252, 191



125, 112, 124



189, 0, 179



61, 0, 58

Previews

White Background



This preview shows how the RGB color 252, 116, 245 looks on a white background.

Color Contrast Check

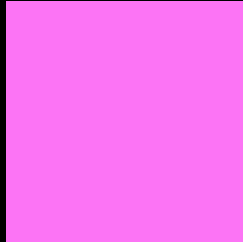
Large Text (above 18pt) WCAG AA × Fail

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 252, 116, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

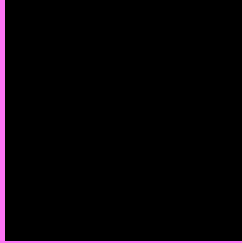
Any Text WCAG AA ✓ Pass

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 252, 116, 245 Background



This preview shows how black text looks on a background with the RGB color 252, 116, 245.

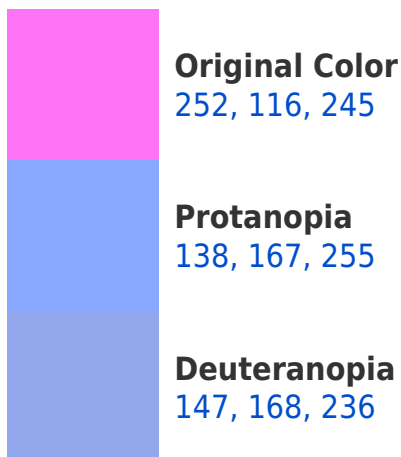


This preview shows how white text looks on a background with the RGB color 252, 116, 245.

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





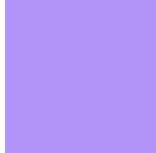
Tritanopia
241, 140, 150

Trichromacy



Original Color

252, 116, 245



Protanomaly

179, 148, 251



Deuteranomaly

185, 149, 239



Tritanomaly

245, 131, 185

Monochromacy



Original Color

252, 116, 245



Achromatopsia

171, 171, 171



Achromatomaly

200, 151, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 252, 116, 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(252, 116, 245)` looks like.

```
.text, #text, p{  
    color:rgb(252, 116, 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(252, 116, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 116, 245) }
```

Border

The CSS property to change the border of an element to RGB 252, 116, 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(252, 116, 245) }
```

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

```
.border{ border-color:rgb(252, 116, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 116, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 116, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 116, 245); box-shadow:4px 4px 4px 4px rgb(252, 116, 245) }
```

Background

The CSS property to change the background color of an element to RGB 252, 116, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 116, 245) }
```

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

```
.background{ background-color: rgb(252,  
116, 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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