

Converting Colors

RGB(245, 112, 219)

Have a look what the booklet for
RGB(245, 112, 219) contains.

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Color

RGB(245, 112, 219)

Conversions

Conversions Part 1

Format	Color
Hex	F570DB
RGB	245, 112, 219
RGB Percent	96%, 44%, 86%
CMY	0.0392, 0.5608, 0.1412
CMYK	0.00, 0.54, 0.11, 0.04
HSL	312°, 87%, 70%
HSV	312°, 54%, 96%
XYZ	56.2365, 36.1153, 71.0248
YIQ	163.9650, 44.9210, 61.4730

Conversions

Conversions Part 2

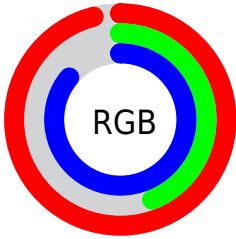
Format	Color
R _Y B	245, 112, 219
Decimal	16085211
CIE Lab	66.61, 63.69, -31.02
CIE LCh	67, 70.842, 334.027
Yxy	36.1153, 0.3442, 0.2211
Android (android.graphics.Color)	4294275291 (0xFFFF570DB)
YUV	163.9650, 27.1323, 71.0677
Hunter-Lab	60.0960, 61.8685, -28.0050

Details

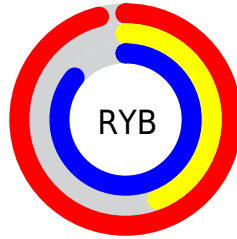
The RGB color **245, 112, 219** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **112, 245, 138**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 169, 255**, and **186, 54, 164** is the 20% darker color. If you saturate the color by 10%, you get **245, 87, 214**, and if you desaturate by 10%, it is **245, 137, 224**.

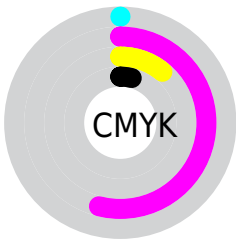
Distribution



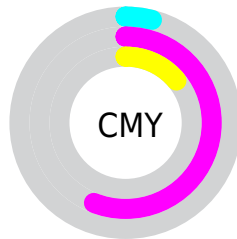
- Red (96%)
- Green (44%)
- Blue (86%)



- Red (96%)
- Yellow (44%)
- Blue (86%)



- Cyan (0%)
- Magenta (54%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (56%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 112, 219 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 245, 112, 219 by changing the saturation by 10% instead.

 245, 112, 219

255, 255, 255

 255, 169, 255

 255, 197, 255

 255, 227, 255

 245, 112, 219

 215, 84, 191

 186, 54, 164

 157, 15, 137

 129, 0, 111

 101, 0, 87

 74, 0, 63

 49, 0, 41

 6, 0, 18

 0, 0, 0

 245, 112, 219


 245, 112, 219

 245, 87, 214


 245, 137, 224

 245, 63, 209

 245, 161, 229

 245, 38, 205

 245, 186, 233

 245, 14, 200

 245, 210, 238

 245, 0, 197

 245, 235, 243

 245, 255, 248

 245, 255, 253

 245, 255, 255

Harmonies

Analogous

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



173, 141, 255



245, 112, 219



255, 97, 156

Triad

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



245, 112, 219



185, 162, 0



0, 190, 232

Complementary

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



245, 112, 219



112, 245, 138

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, 169



245, 112, 219



119, 178, 43

Square

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



245, 112, 219



236, 138, 40



0, 188, 103



0, 183, 255

Rectangle

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



245, 112, 219



255, 103, 114



0, 188, 103



0, 191, 212

Sweetspot

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



245, 112, 219



255, 214, 247



136, 112, 245



128, 103, 123



0, 0, 0



128, 128, 128

Same Dimension

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



245, 112, 219



255, 89, 223



245, 112, 154



122, 110, 120



186, 0, 150



59, 0, 47

Inverse Universe

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



245, 112, 219



255, 89, 223



112, 245, 203



122, 110, 120



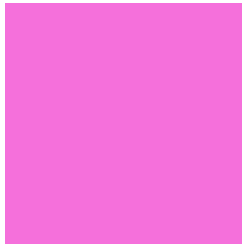
186, 0, 150



59, 0, 47

Previews

White Background



This preview shows how the RGB color 245, 112, 219 looks on a white background.

Color Contrast Check

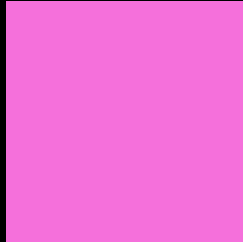
Large Text (above 18pt) WCAG AA × Fail

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 245, 112, 219 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 245, 112, 219 Background



This preview shows how black text looks on a background with the RGB color 245, 112, 219.



This preview shows how white text looks on a background with the RGB color 245, 112, 219.

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



Original Color
245, 112, 219

Protanopia
127, 159, 255

Deuteranopia
152, 160, 211



Tritanopia
236, 131, 140

Trichromacy



Original Color

245, 112, 219



Protanomaly

170, 142, 242



Deuteranomaly

186, 143, 214



Tritanomaly

239, 124, 169

Monochromacy



Original Color

245, 112, 219



Achromatopsia

164, 164, 164



Achromatomaly

193, 145, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 112, 219 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(245, 112, 219) looks like.

```
.text, #text, p{  
    color:rgb(245, 112, 219)  
}
```

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(245, 112, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 112, 219) }
```

Border

The CSS property to change the border of an element to RGB 245, 112, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

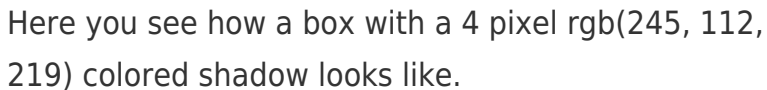
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 112, 219) }
```

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

```
.border{ border-color:rgb(245, 112, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 112, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 112, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 112, 219); box-shadow:4px 4px 4px 4px rgb(245, 112, 219) }
```

Background

The CSS property to change the background color of an element to RGB 245, 112, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 112, 219) }
```

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

```
.background{ background-color: rgb(245,  
112, 219) }
```

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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