

Converting Colors

RGB(242, 116, 240)

Have a look what the booklet for
RGB(242, 116, 240) contains.

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Color

RGB(242, 116, 240)

Conversions

Conversions Part 1

Format	Color
Hex	F274F0
RGB	242, 116, 240
RGB Percent	95%, 45%, 94%
CMY	0.0510, 0.5451, 0.0588
CMYK	0.00, 0.52, 0.01, 0.05
HSL	301°, 83%, 70%
HSV	301°, 52%, 95%
XYZ	58.5915, 37.6593, 86.6189
YIQ	167.8100, 35.2920, 65.2760

Conversions

Conversions Part 2

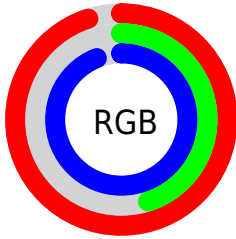
Format	Color
RYB	242, 116, 240
Decimal	15889648
CIELab	67.77, 64.46, -40.89
CIELCh	68, 76.337, 327.614
Yxy	37.6593, 0.3204, 0.2059
Android (android.graphics.Color)	4294079728 (0xFFFF274F0)
YUV	167.8100, 35.5897, 65.0646
Hunter-Lab	61.3672, 63.0338, -40.7300

Details

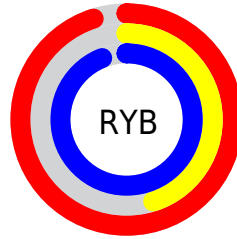
The RGB color **242, 116, 240** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **116, 242, 118**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 173, 255**, and **183, 59, 183** is the 20% darker color. If you saturate the color by 10%, you get **242, 92, 240**, and if you desaturate by 10%, it is **242, 140, 240**.

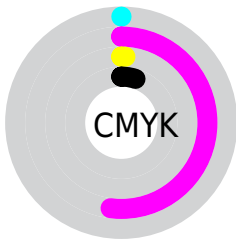
Distribution



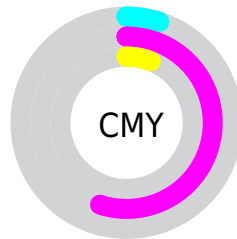
- Red (95%)
- Green (45%)
- Blue (94%)



- Red (95%)
- Yellow (45%)
- Blue (94%)



- Cyan (0%)
- Magenta (52%)
- Yellow (1%)
- Black (5%)





- Cyan (5%)
- Magenta (55%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 116, 240 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 242, 116, 240 by changing the saturation by 10% instead.

 242, 116, 240

 242, 116, 240

255, 255, 255

 212, 88, 211


 255, 173, 255

 183, 59, 183

 255, 201, 255

 155, 23, 156

 255, 231, 255

 126, 0, 130


 99, 0, 104

 72, 0, 79

 47, 0, 56


 7, 0, 33


 0, 0, 6


 242, 116, 240


 242, 116, 240


 242, 92, 240

 242, 140, 240

 242, 68, 239

 242, 164, 241

 242, 43, 239

 242, 189, 241

 242, 19, 238

 242, 213, 242

 242, 0, 238

 242, 237, 242

 242, 255, 242

 242, 255, 243

 242, 255, 243

 242, 255, 243

Harmonies

Analogous

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



151, 149, 255



242, 116, 240



255, 93, 174

Triad

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



242, 116, 240



202, 160, 0



0, 196, 227

Complementary

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



242, 116, 240



116, 242, 118

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, 196, 157



242, 116, 240



135, 180, 10

Square

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



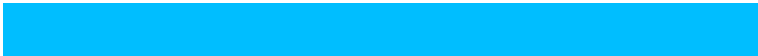
242, 116, 240



254, 132, 43



0, 191, 86



0, 190, 255

Rectangle

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



242, 116, 240



255, 95, 128



0, 191, 86



0, 197, 205

Sweetspot

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



242, 116, 240



255, 214, 254



116, 116, 242



128, 103, 127



0, 0, 0



128, 128, 128

Same Dimension

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



242, 116, 240



255, 97, 252



242, 116, 179



120, 108, 120



184, 0, 181



56, 0, 55

Inverse Universe

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



242, 116, 240



255, 97, 252



116, 242, 179



120, 108, 120



184, 0, 181



56, 0, 55

Previews

White Background



This preview shows how the RGB color 242, 116, 240 looks on a white background.

Color Contrast Check

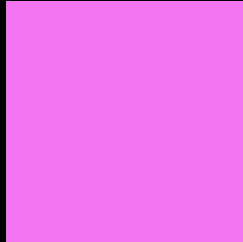
Large Text (above 18pt) WCAG AA × Fail

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 242, 116, 240 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 242, 116, 240 Background



This preview shows how black text looks on a background with the RGB color 242, 116, 240.

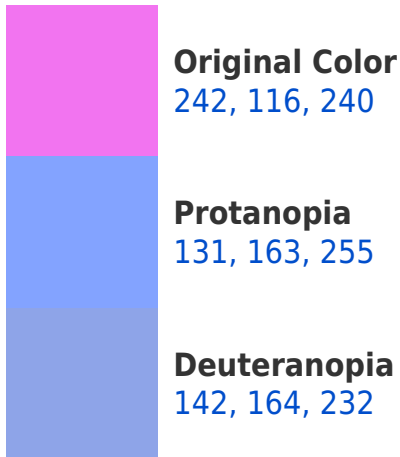



This preview shows how white text looks on a background with the RGB color 242, 116, 240.

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
231, 139, 149

Trichromacy



Original Color

242, 116, 240



Protanomaly

171, 146, 250



Deuteranomaly

178, 147, 235



Tritanomaly

235, 131, 182

Monochromacy



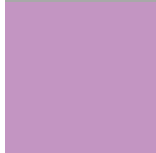
Original Color

242, 116, 240



Achromatopsia

168, 168, 168



Achromatomaly

195, 149, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 116, 240 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(242, 116, 240)` looks like.

```
.text, #text, p{  
    color:rgb(242, 116, 240)  
}
```

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(242, 116, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 116, 240) }
```

Border

The CSS property to change the border of an element to RGB 242, 116, 240 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(242, 116, 240) }
```

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

```
.border{ border-color:rgb(242, 116, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 116, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 116, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 116, 240);  
box-shadow:4px 4px 4px 4px rgb(242, 116,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 242, 116, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 116, 240) }
```

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

```
.background{ background-color: rgb(242,  
116, 240) }
```

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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