

Converting Colors

`RYB(244, 112, 245)`

Have a look what the booklet for RYB(244, 112, 245) contains.

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Color

R_YB(244, 112, 245)

Conversions

Conversions Part 1

Format	Color
Hex	F470F5
RGB	244, 112, 245
RGB Percent	96%, 44%, 96%
CMY	0.0431, 0.5608, 0.0392
CMYK	0.00, 0.54, 0.00, 0.04
HSL	300°, 87%, 70%
HSV	300°, 54%, 96%
XYZ	59.5838, 37.4140, 90.4674
YIQ	166.6300, 35.9790, 69.3470

Conversions

Conversions Part 2

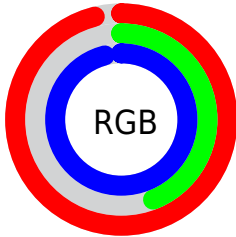
Format	Color
RYB	244, 112, 245
Decimal	16019701
CIELab	67.59, 67.64, -43.91
CIElCh	68, 80.639, 327.010
Yxy	37.4140, 0.3178, 0.1996
Android (android.graphics.Color)	4294209781 (0xFFFF470F5)
YUV	166.6300, 38.6364, 67.8535
Hunter-Lab	61.1670, 66.8377, -44.8744

Details

The RYB color **244, 112, 245** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **112, 245, 244**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 169, 255**, and **185, 53, 188** is the 20% darker color. If you saturate the color by 10%, you get **244, 87, 245**, and if you desaturate by 10%, it is **244, 137, 245**.

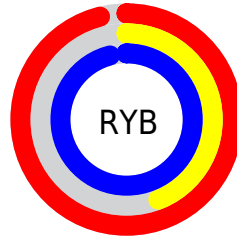
Distribution



Red (96%)

Green (44%)

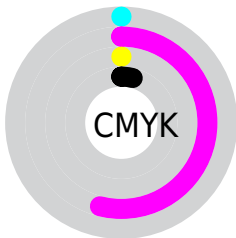
Blue (96%)



Red (96%)

Yellow (44%)

Blue (96%)

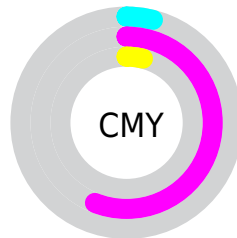


Cyan (0%)

Magenta (54%)

Yellow (0%)

Black (4%)



Cyan (4%)


Magenta (56%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 244, 112, 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 RYB color 244, 112, 245 by changing the saturation by 10% instead.

 244, 112, 245

255, 255, 255

 255, 169, 255

 255, 198, 255

 255, 227, 255

 244, 112, 245

 214, 83, 216

 185, 53, 188

 156, 10, 161

 128, 0, 134

 100, 0, 108

 72, 0, 83

 47, 0, 60

 9, 0, 37

 0, 1, 13

■ 244, 112, 245

■ 244, 112, 245

■ 244, 87, 245

■ 244, 137, 245

■ 244, 63, 245

■ 244, 161, 245

■ 243, 38, 245

■ 245, 186, 245

■ 243, 14, 245

■ 245, 210, 245

■ 243, 0, 245

■ 245, 235, 245

■ 245, 255, 255

■ 245, 255, 254

Harmonies

Analogous

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



145, 148, 255



244, 112, 245



255, 84, 175

Triad

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



244, 112, 245



58, 204, 0



0, 106, 229

Complementary

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



244, 112, 245



112, 245, 244

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, 110, 197



244, 112, 245



0, 180, 47

Square

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



244, 112, 245



255, 201, 34



0, 135, 191



0, 109, 255

Rectangle

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



244, 112, 245



255, 87, 127



0, 135, 191



0, 100, 205

Sweetspot

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



244, 112, 245



255, 214, 255



112, 114, 245



127, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



244, 112, 245



254, 89, 255



245, 112, 181



122, 110, 122



185, 0, 186



58, 0, 59

Inverse Universe

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



245, 112, 113



255, 89, 90



112, 202, 245



122, 110, 110



186, 0, 1



59, 0, 0

Previews

White Background



This preview shows how the RYB color 244, 112, 245 looks on a white background.

Color Contrast Check

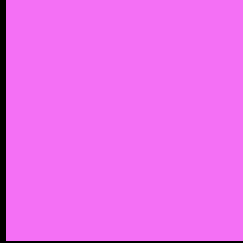
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 244, 112, 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](#).

RYB 244, 112, 245 Background



This preview shows how black text looks on a background with the RYB color 244, 112, 245.

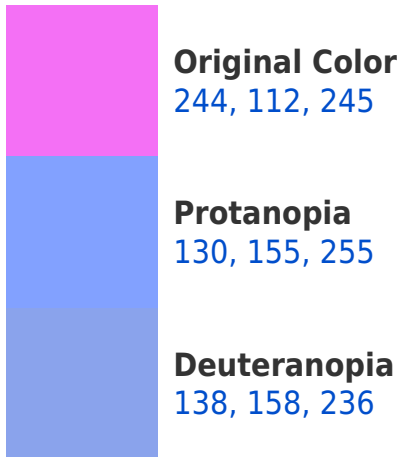


This preview shows how white text looks on a background with the RYB color 244, 112, 245.

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
232, 137, 147

Trichromacy



Original Color

244, 112, 245



Protanomaly

171, 144, 251



Deuteranomaly

177, 144, 239



Tritanomaly

236, 128, 183

Monochromacy



Original Color

244, 112, 245



Achromatopsia

167, 167, 167



Achromatomaly

195, 147, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 112, 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(244, 112, 245)` looks like.

```
.text, #text, p{  
    color:rgb(244, 112, 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(244, 112, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 112, 245) }
```

Border

The CSS property to change the border of an element to RYB 244, 112, 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(244, 112, 245) }
```

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

```
.border{ border-color:rgb(244, 112, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 112, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 112, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 112, 245);  
box-shadow:4px 4px 4px 4px rgb(244, 112,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 244, 112, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 112, 245) }
```

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

```
.background{ background-color: rgb(244,  
112, 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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