

Converting Colors

`RYB(245, 162, 212)`

Have a look what the booklet for
RYB(245, 162, 212) contains.

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Color

`RYB(245, 162, 212)`

Conversions

Conversions Part 1

Format	Color
Hex	F5A2D4
RGB	245, 162, 212
RGB Percent	96%, 64%, 83%
CMY	0.0392, 0.3647, 0.1686
CMYK	0.00, 0.34, 0.13, 0.04
HSL	324°, 81%, 80%
HSV	324°, 34%, 96%
XYZ	62.4602, 50.0066, 68.6476
YIQ	192.5170, 33.4180, 33.1460

Conversions

Conversions Part 2

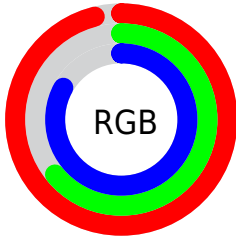
Format	Color
R _Y B	245, 162, 212
Decimal	16098004
CIE Lab	76.07, 37.83, -12.75
CIE LCh	76, 39.924, 341.379
Yxy	50.0066, 0.3449, 0.2761
Android (android.graphics.Color)	4294288084 (0xFFF5A2D4)
YUV	192.5170, 9.6051, 46.0276
Hunter-Lab	70.7153, 33.9104, -8.0556

Details

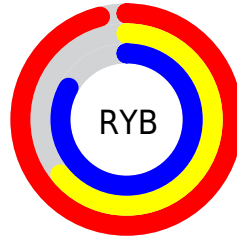
The RYB color **245, 162, 212** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **162, 221, 245**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 218, 255**, and **187, 109, 157** is the 20% darker color. If you saturate the color by 10%, you get **245, 138, 202**, and if you desaturate by 10%, it is **245, 187, 222**.

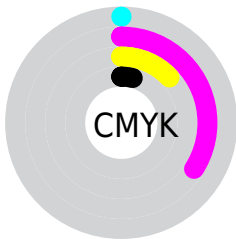
Distribution



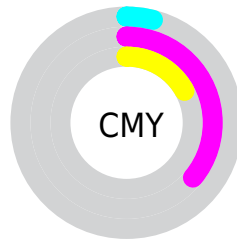
- Red (96%)
- Green (64%)
- Blue (83%)



- Red (96%)
- Yellow (64%)
- Blue (83%)



- Cyan (0%)
- Magenta (34%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (36%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RYB color 245, 162, 212 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 245, 162, 212 by changing the saturation by 10% instead.


 245, 162, 212

 245, 162, 212

255, 255, 255

 216, 135, 184

 255, 218, 255

 187, 109, 157

 255, 247, 255

 160, 83, 131

 132, 58, 106

 106, 33, 82

 80, 4, 59

 55, 0, 37

 32, 0, 15

 0, 0, 0

■ 245, 162, 212

■ 245, 162, 212

■ 245, 138, 202

■ 245, 187, 222

■ 245, 113, 193

■ 245, 211, 231

■ 245, 88, 183

■ 245, 236, 241

■ 245, 64, 173

■ 245, 251, 255

■ 245, 40, 163

■ 245, 250, 255

■ 245, 15, 154

■ 245, 0, 148

Harmonies

Analogous

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



210, 173, 243



245, 162, 212



255, 159, 175

Triad

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



245, 162, 212



123, 198, 114



36, 127, 235

Complementary

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



245, 162, 212



162, 221, 245

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.



60, 135, 207



245, 162, 212



131, 200, 174

Square

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



245, 162, 212



224, 232, 118



112, 173, 206



94, 157, 255

Rectangle

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



245, 162, 212



255, 163, 151



112, 173, 206



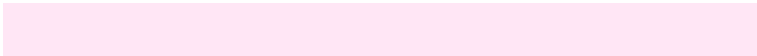
33, 124, 225

Sweetspot

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



245, 162, 212



255, 230, 245



194, 162, 245



128, 112, 121



0, 0, 0



128, 128, 128

Same Dimension

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



245, 162, 212



255, 150, 213



245, 162, 172



122, 110, 118



186, 0, 112



59, 0, 35

Inverse Universe

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



245, 162, 212



255, 150, 213



162, 206, 245



122, 110, 118



186, 0, 112



59, 0, 35

Previews

White Background



This preview shows how the RYB color 245, 162, 212 looks on a white background.

Color Contrast Check

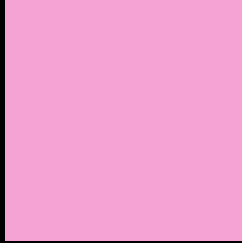
Large Text (above 18pt) WCAG AA × Fail

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 245, 162, 212 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 245, 162, 212 Background



This preview shows how black text looks on a background with the RYB color 245, 162, 212.

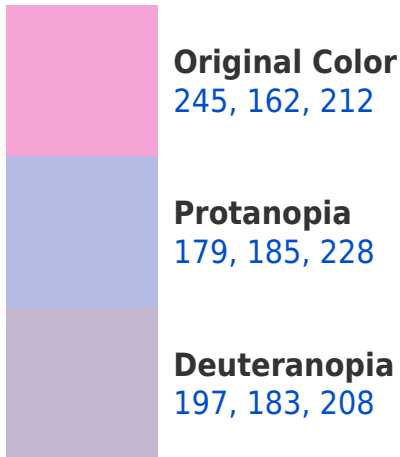


This preview shows how white text looks on a background with the RYB color 245, 162, 212.

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, 168, 181

Trichromacy



Original Color

245, 162, 212



Protanomaly

203, 177, 222



Deuteranomaly

214, 175, 209



Tritanomaly

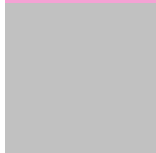
242, 166, 192

Monochromacy



Original Color

245, 162, 212



Achromatopsia

193, 193, 193



Achromatomaly

212, 182, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 162, 212 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, 162, 212) looks like.

```
.text, #text, p{  
    color:rgb(245, 162, 212)  
}
```

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, 162, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 162, 212) }
```

Border

The CSS property to change the border of an element to RYB 245, 162, 212 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, 162, 212) }
```

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

```
.border{ border-color:rgb(245, 162, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 162, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 162, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 162, 212);  
box-shadow:4px 4px 4px 4px rgb(245, 162,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 245, 162, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 162, 212) }
```

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

```
.background{ background-color: rgb(245,  
162, 212) }
```

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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