

Converting Colors

`RYB(247, 109, 192)`

Have a look what the booklet for
RYB(247, 109, 192) contains.

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Color

`RYB(247, 109, 192)`

Conversions

Conversions Part 1

Format	Color
Hex	F76DC0
RGB	247, 109, 192
RGB Percent	97%, 43%, 75%
CMY	0.0314, 0.5725, 0.2471
CMYK	0.00, 0.56, 0.22, 0.03
HSL	324°, 90%, 70%
HSV	324°, 56%, 97%
XYZ	53.3408, 34.5172, 53.7203
YIQ	159.7240, 55.6050, 55.0690

Conversions

Conversions Part 2

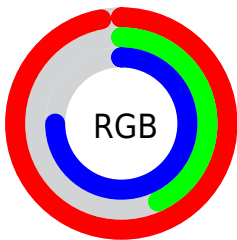
Format	Color
R _Y B	247, 109, 192
Decimal	16215488
CIE Lab	65.37, 61.69, -17.74
CIE LCh	65, 64.187, 343.955
Yxy	34.5172, 0.3768, 0.2438
Android (android.graphics.Color)	4294405568 (0xFFFF76DC0)
YUV	159.7240, 15.9121, 76.5411
Hunter-Lab	58.7513, 59.2468, -13.0869

Details

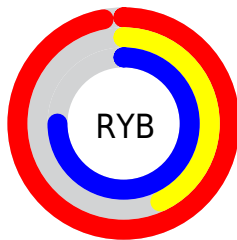
The RYB color **247, 109, 192** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **109, 208, 247**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 166, 248**, and **187, 51, 138** is the 20% darker color. If you saturate the color by 10%, you get **247, 84, 182**, and if you desaturate by 10%, it is **247, 134, 202**.

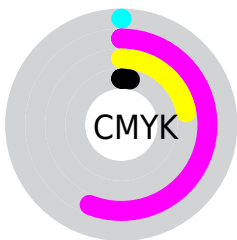
Distribution



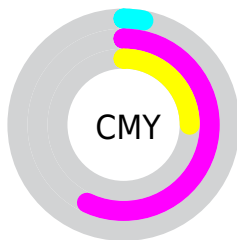
- Red (97%)
- Green (43%)
- Blue (75%)



- Red (97%)
- Yellow (43%)
- Blue (75%)



- Cyan (0%)
- Magenta (56%)
- Yellow (22%)
- Black (3%)



- Cyan (3%)
- Magenta (57%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 109, 192 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 247, 109, 192 by changing the saturation by 10% instead.

 247, 109, 192

 247, 109, 192

255, 255, 255

 217, 81, 165

 255, 166, 248

 187, 51, 138

 255, 194, 255

 158, 8, 113

 255, 223, 255

 130, 0, 88

 255, 253, 255

 102, 0, 65

 75, 0, 43

 48, 0, 22

 0, 0, 0

 247, 109, 192

 247, 109, 192

■ 247, 84, 182

■ 247, 134, 202

■ 247, 60, 172

■ 247, 158, 212

■ 247, 35, 162

■ 247, 183, 222

■ 247, 10, 153

■ 247, 208, 231

■ 247, 0, 149

■ 247, 233, 241

■ 247, 252, 255

■ 247, 251, 255

Harmonies

Analogous

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



196, 132, 242



247, 109, 192



255, 104, 134

Triad

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



247, 109, 192



31, 164, 32



0, 103, 237

Complementary

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



247, 109, 192



109, 208, 247

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, 93, 186



247, 109, 192



70, 177, 150

Square

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



247, 109, 192



153, 214, 39



0, 110, 184



0, 103, 255

Rectangle

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



247, 109, 192



255, 116, 98



0, 110, 184



0, 101, 222

Sweetspot

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



247, 109, 192



255, 212, 238



162, 109, 247



128, 102, 117



0, 0, 0



128, 128, 128

Same Dimension

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



247, 109, 192



255, 84, 187



247, 109, 125



122, 110, 118



186, 0, 112



59, 0, 35

Inverse Universe

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



247, 109, 192



255, 84, 187



109, 182, 247



122, 110, 118



186, 0, 112



59, 0, 35

Previews

White Background



This preview shows how the RYB color 247, 109, 192 looks on a white background.

Color Contrast Check

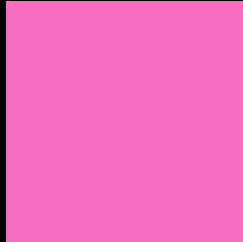
Large Text (above 18pt) WCAG AA × Fail

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 247, 109, 192 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 247, 109, 192 Background



This preview shows how black text looks on a background with the RGB color 247, 109, 192.

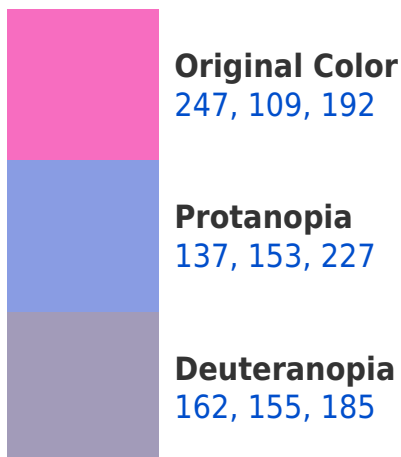



This preview shows how white text looks on a background with the RGB color 247, 109, 192.

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, 123, 131

Trichromacy



Original Color

247, 109, 192



Protanomaly

177, 140, 214



Deuteranomaly

193, 138, 188



Tritanomaly

243, 118, 153

Monochromacy



Original Color

247, 109, 192



Achromatopsia

160, 160, 160



Achromatomaly

192, 141, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 109, 192 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(247, 109, 192) looks like.

```
.text, #text, p{  
    color:rgb(247, 109, 192)  
}
```

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(247, 109, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 109, 192) }
```

Border

The CSS property to change the border of an element to RYB 247, 109, 192 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(247, 109, 192) }
```

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

```
.border{ border-color:rgb(247, 109, 192) }
```

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

Here you see how a box with a 4 pixel rgb(247, 109, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 109, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 109, 192);  
box-shadow:4px 4px 4px 4px rgb(247, 109,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 247, 109, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 109, 192) }
```

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

```
.background{ background-color: rgb(247,  
109, 192) }
```

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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