

Converting Colors

RGB(247, 95, 192)

Have a look what the booklet for
RGB(247, 95, 192) contains.

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Color

RGB(247, 95, 192)

Conversions

Conversions Part 1

Format	Color
Hex	F75FC0
RGB	247, 95, 192
RGB Percent	97%, 37%, 75%
CMY	0.0314, 0.6275, 0.2471
CMYK	0.00, 0.62, 0.22, 0.03
HSL	322°, 90%, 67%
HSV	322°, 62%, 97%
XYZ	51.9644, 31.7643, 53.2615
YIQ	151.5060, 59.4550, 62.3910

Conversions

Conversions Part 2

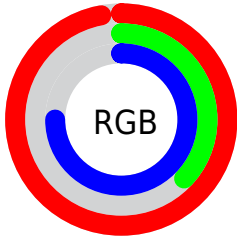
Format	Color
R_{YB}	247, 95, 192
Decimal	16211904
CIE _{Lab}	63.15, 67.69, -21.12
CIE _{LCh}	63, 70.911, 342.669
Yxy	31.7643, 0.3793, 0.2319
Android (android.graphics.Color)	4294401984 (0xFFFF75FC0)
YUV	151.5060, 19.9635, 83.7482
Hunter-Lab	56.3599, 65.9492, -16.5786

Details

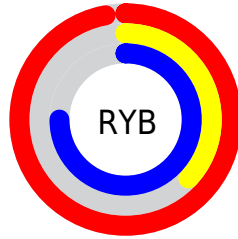
The RGB color **247, 95, 192** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **95, 247, 150**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **255, 153, 249**, and **187, 28, 138** is the 20% darker color. If you saturate the color by 10%, you get **247, 70, 183**, and if you desaturate by 10%, it is **247, 120, 201**.

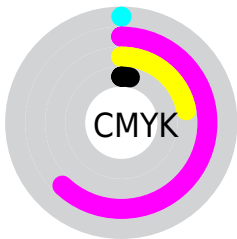
Distribution



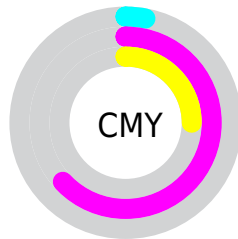
- Red (97%)
- Green (37%)
- Blue (75%)



- Red (97%)
- Yellow (37%)
- Blue (75%)



- Cyan (0%)
- Magenta (62%)
- Yellow (22%)
- Black (3%)



- Cyan (3%)
- Magenta (63%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 95, 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 RGB color 247, 95, 192 by changing the saturation by 10% instead.

 247, 95, 192

 247, 95, 192

255, 255, 255

 217, 65, 165

 255, 153, 249

 187, 28, 138

 255, 182, 255

 158, 0, 113

 255, 211, 255

 129, 0, 88

 255, 241, 255

 101, 0, 65

 73, 0, 42

 46, 0, 21

 0, 0, 0

 247, 95, 192

 247, 95, 192

■ 247, 70, 183

■ 247, 120, 201

■ 247, 46, 174

■ 247, 144, 210

■ 247, 21, 165

■ 247, 169, 219

■ 247, 0, 158

■ 247, 194, 228

■ 247, 219, 237

■ 247, 243, 246

■ 247, 255, 255

■ 247, 255, 255

Harmonies

Analogous

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



189, 123, 246



247, 95, 192



255, 88, 129

Triad

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



247, 95, 192



158, 158, 0



0, 179, 237

Complementary

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



247, 95, 192



95, 247, 150

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, 182, 179



247, 95, 192



85, 172, 50

Square

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



247, 95, 192



212, 136, 7



0, 180, 113



0, 170, 255

Rectangle

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



247, 95, 192



255, 100, 88



0, 180, 113



0, 181, 220

Sweetspot

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



247, 95, 192



255, 209, 238



148, 95, 247



128, 99, 117



0, 0, 0



128, 128, 128

Same Dimension

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



247, 95, 192



255, 66, 187



247, 95, 118



122, 110, 118



186, 0, 119



59, 0, 37

Inverse Universe

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



247, 95, 192



255, 66, 187



95, 247, 224



122, 110, 118



186, 0, 119



59, 0, 37

Previews

White Background



This preview shows how the RGB color 247, 95, 192 looks on a white background.

Color Contrast Check

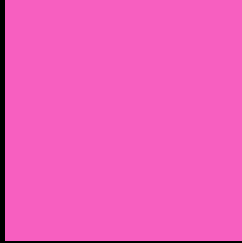
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 247, 95, 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, 95, 192 Background



This preview shows how black text looks on a background with the RGB color 247, 95, 192.



This preview shows how white text looks on a background with the RGB color 247, 95, 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



Original Color
247, 95, 192

Protanopia
124, 151, 234

Deuteranopia
153, 150, 184



Tritanopia
240, 113, 120

Trichromacy



Original Color

247, 95, 192



Protanomaly

169, 131, 219



Deuteranomaly

187, 130, 187



Tritanomaly

243, 106, 146

Monochromacy



Original Color

247, 95, 192



Achromatopsia

152, 152, 152



Achromatomaly

187, 131, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 95, 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, 95, 192) looks like.

```
.text, #text, p{  
    color:rgb(247, 95, 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, 95, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 95, 192) }
```

Border

The CSS property to change the border of an element to RGB 247, 95, 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, 95, 192) }
```

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

```
.border{ border-color:rgb(247, 95, 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, 95, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 95, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 95, 192);  
box-shadow:4px 4px 4px 4px rgb(247, 95,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 247, 95, 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, 95, 192) }
```

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

```
.background{ background-color: rgb(247, 95,  
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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