

Converting Colors

RGB(255, 107, 214)

Have a look what the booklet for
RGB(255, 107, 214) contains.

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Color

RGB(255, 107, 214)

Conversions

Conversions Part 1

Format	Color
Hex	FF6BD6
RGB	255, 107, 214
RGB Percent	100%, 42%, 84%
CMY	0.0000, 0.5804, 0.1608
CMYK	0.00, 0.58, 0.16, 0.00
HSL	317°, 100%, 71%
HSV	317°, 58%, 100%
XYZ	58.6353, 36.6304, 67.5983
YIQ	163.4500, 53.8610, 64.6530

Conversions

Conversions Part 2

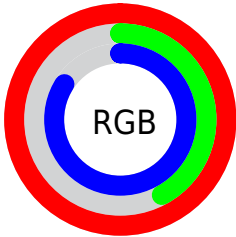
Format	Color
R _Y B	255, 107, 214
Decimal	16739286
CIE _{Lab}	67.00, 67.89, -27.52
CIE _{LCh}	67, 73.252, 337.937
Y _{xy}	36.6304, 0.3600, 0.2249
Android (android.graphics.Color)	4294929366 (0xFFFF6BD6)
YUV	163.4500, 24.9212, 80.2894
Hunter-Lab	60.5231, 67.0170, -23.8549

Details

The RGB color **255, 107, 214** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **107, 255, 148**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 165, 255**, and **195, 45, 159** is the 20% darker color. If you saturate the color by 10%, you get **255, 82, 207**, and if you desaturate by 10%, it is **255, 133, 221**.

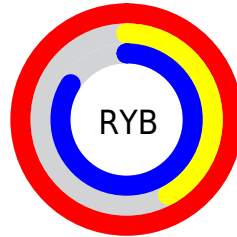
Distribution



Red (100%)

Green (42%)

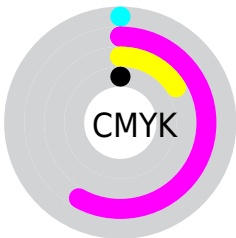
Blue (84%)



Red (100%)

Yellow (42%)

Blue (84%)

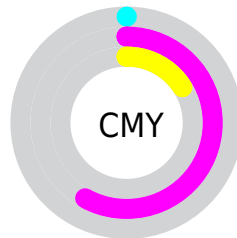


Cyan (0%)

Magenta (58%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 107, 214 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 255, 107, 214 by changing the saturation by 10% instead.

 255, 107, 214

255, 255, 255

 255, 165, 255

 255, 194, 255

 255, 223, 255

 255, 253, 255

 255, 107, 214


 225, 78, 186

 195, 45, 159


 166, 0, 133

 137, 0, 107

 109, 0, 83

 81, 0, 59

 55, 0, 37

 21, 0, 13

 0, 0, 0

■ 255, 107, 214

■ 255, 107, 214

■ 255, 82, 207

■ 255, 133, 221

■ 255, 56, 200

■ 255, 158, 228

■ 255, 31, 193

■ 255, 184, 235

■ 255, 5, 186

■ 255, 209, 242

■ 255, 0, 184

■ 255, 235, 249

255, 255, 255

Harmonies

Analogous

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



187, 137, 255



255, 107, 214



255, 95, 148

Triad

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



255, 107, 214



179, 166, 0



0, 192, 243

Complementary

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



255, 107, 214



107, 255, 148

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, 194, 179



255, 107, 214



107, 182, 46

Square

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



255, 107, 214



233, 141, 27



0, 190, 111



0, 183, 255

Rectangle

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



255, 107, 214



255, 104, 105



0, 190, 111



0, 193, 223

Sweetspot

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



255, 107, 214



255, 212, 243



146, 107, 255



128, 102, 120



0, 0, 0



128, 128, 128

Same Dimension

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



255, 107, 214



255, 77, 206



255, 107, 142



128, 115, 124



191, 0, 138



64, 0, 46

Inverse Universe

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



255, 107, 214



255, 77, 206



107, 255, 220



128, 115, 124



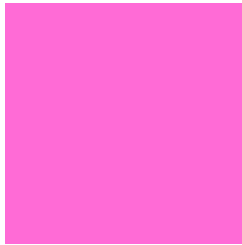
191, 0, 138



64, 0, 46

Previews

White Background



This preview shows how the RGB color 255, 107, 214 looks on a white background.

Color Contrast Check

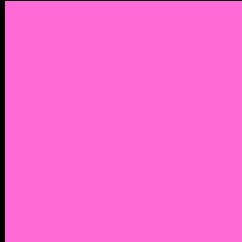
Large Text (above 18pt) WCAG AA × Fail

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 255, 107, 214 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 255, 107, 214 Background



This preview shows how black text looks on a background with the RGB color 255, 107, 214.

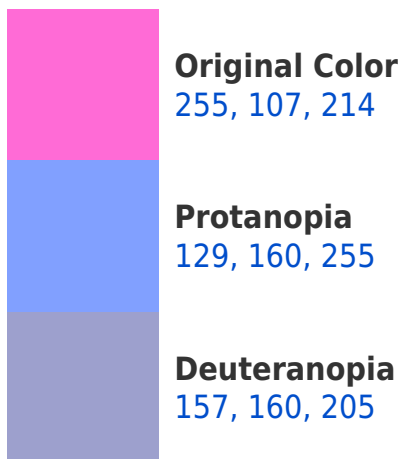


This preview shows how white text looks on a background with the RGB color 255, 107, 214.

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
247, 126, 135

Trichromacy



Original Color

255, 107, 214



Protanomaly

175, 141, 240



Deuteranomaly

193, 141, 208



Tritanomaly

250, 119, 164

Monochromacy



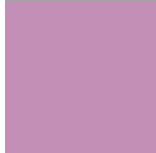
Original Color

255, 107, 214



Achromatopsia

163, 163, 163



Achromatomaly

196, 143, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 107, 214 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(255, 107, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 214)  
}
```

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(255, 107, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 214) }
```

Border

The CSS property to change the border of an element to RGB 255, 107, 214 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(255, 107, 214) }
```

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

```
.border{ border-color:rgb(255, 107, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 255, 107, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 214) }
```

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

```
.background{ background-color: rgb(255,  
107, 214) }
```

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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