

Converting Colors

RGB(255, 111, 181)

Have a look what the booklet for
RGB(255, 111, 181) contains.

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Color

RGB(255, 111, 181)

Conversions

Conversions Part 1

Format	Color
Hex	FF6FB5
RGB	255, 111, 181
RGB Percent	100%, 44%, 71%
CMY	0.0000, 0.5647, 0.2902
CMYK	0.00, 0.56, 0.29, 0.00
HSL	331°, 100%, 72%
HSV	331°, 56%, 100%
XYZ	55.2649, 35.9651, 47.7452
YIQ	162.0360, 63.3540, 52.2980

Conversions

Conversions Part 2

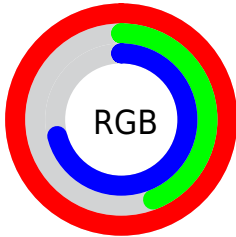
Format	Color
R_{YB}	255, 111, 181
Decimal	16740277
CIE _{Lab}	66.49, 61.75, -9.72
CIE _{LCh}	66, 62.510, 351.059
Yxy	35.9651, 0.3977, 0.2588
Android (android.graphics.Color)	4294930357 (0xFFFF6FB5)
YUV	162.0360, 9.3493, 81.5294
Hunter-Lab	59.9709, 59.5439, -5.2235

Details

The RGB color **255, 111, 181** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **111, 255, 185**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 168, 237**, and **195, 53, 128** is the 20% darker color. If you saturate the color by 10%, you get **255, 86, 168**, and if you desaturate by 10%, it is **255, 137, 194**.

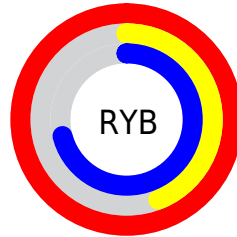
Distribution



Red (100%)

Green (44%)

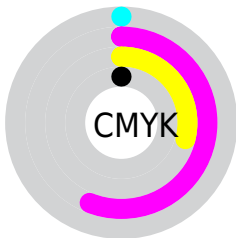
Blue (71%)



Red (100%)

Yellow (44%)

Blue (71%)

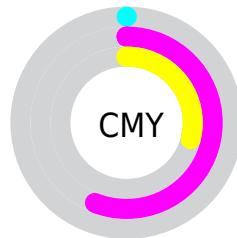


Cyan (0%)

Magenta (56%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 111, 181 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, 111, 181 by changing the saturation by 10% instead.


 255, 111, 181

 255, 111, 181

255, 255, 255

 225, 83, 154

 255, 168, 237

 195, 53, 128

 255, 196, 255

 165, 11, 103

 255, 226, 255

 136, 0, 79

 108, 0, 56

 80, 0, 35

 54, 0, 11

 9, 0, 0

 0, 0, 0

■ 255, 111, 181

■ 255, 111, 181

■ 255, 86, 168

■ 255, 137, 194

■ 255, 60, 155

■ 255, 162, 207

■ 255, 34, 142

■ 255, 188, 220

■ 255, 9, 129

■ 255, 213, 233

■ 255, 0, 124

■ 255, 239, 247

255, 255, 255

Harmonies

Analogous

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



213, 130, 233



255, 111, 181



255, 112, 125

Triad

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



255, 111, 181



153, 171, 46



0, 184, 248

Complementary

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



255, 111, 181



111, 255, 185

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, 189, 200



255, 111, 181



83, 182, 87

Square

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



255, 111, 181



205, 153, 41



0, 188, 142



0, 173, 255

Rectangle

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



255, 111, 181



253, 123, 90



0, 188, 142



0, 186, 234

Sweetspot

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



255, 111, 181



255, 212, 233



183, 111, 255



128, 102, 114



0, 0, 0



128, 128, 128

Same Dimension

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



255, 111, 181



255, 82, 166



255, 111, 111



128, 115, 121



191, 0, 93



64, 0, 31

Inverse Universe

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



255, 111, 181



255, 82, 166



111, 255, 255



128, 115, 121



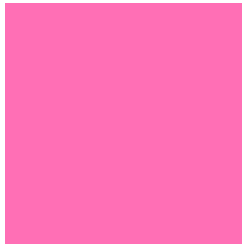
191, 0, 93



64, 0, 31

Previews

White Background



This preview shows how the RGB color 255, 111, 181 looks on a white background.

Color Contrast Check

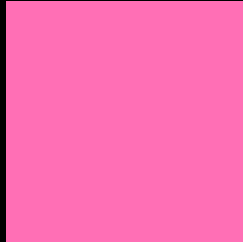
Large Text (above 18pt) WCAG AA × Fail

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, 111, 181 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, 111, 181 Background



This preview shows how black text looks on a background with the RGB color 255, 111, 181.



This preview shows how white text looks on a background with the RGB color 255, 111, 181.

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
255, 111, 181

Protanopia
147, 160, 214

Deuteranopia
172, 157, 174



Tritanopia
251, 122, 130

Trichromacy



Original Color

255, 111, 181



Protanomaly

186, 142, 202



Deuteranomaly

202, 140, 177



Tritanomaly

252, 118, 149

Monochromacy



Original Color

255, 111, 181



Achromatopsia

162, 162, 162



Achromatomaly

196, 143, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 111, 181 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, 111, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 181)  
}
```

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, 111, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 181) }
```

Border

The CSS property to change the border of an element to RGB 255, 111, 181 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, 111, 181) }
```

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

```
.border{ border-color:rgb(255, 111, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 255, 111, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 181) }
```

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

```
.background{ background-color: rgb(255,  
111, 181) }
```

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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