

Converting Colors

RGB(255, 118, 161)

Have a look what the booklet for
RGB(255, 118, 161) contains.

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Color

RGB(255, 118, 161)

Conversions

Conversions Part 1

Format	Color
Hex	FF76A1
RGB	255, 118, 161
RGB Percent	100%, 46%, 63%
CMY	0.0000, 0.5373, 0.3686
CMYK	0.00, 0.54, 0.37, 0.00
HSL	341°, 100%, 73%
HSV	341°, 54%, 100%
XYZ	54.1515, 36.7901, 37.9653
YIQ	163.8650, 67.8490, 42.4170

Conversions

Conversions Part 2

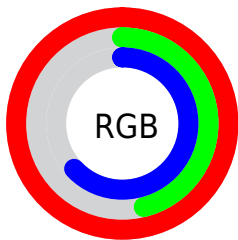
Format	Color
R_{YB}	255, 118, 161
Decimal	16742049
CIE _{Lab}	67.12, 56.23, 2.54
CIE _{LCh}	67, 56.287, 2.587
Yxy	36.7901, 0.4201, 0.2854
Android (android.graphics.Color)	4294932129 (0xFFFF76A1)
YUV	163.8650, -1.4124, 79.9254
Hunter-Lab	60.6548, 53.2154, 5.3473

Details

The RGB color **255, 118, 161** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **118, 255, 212**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 174, 216**, and **195, 62, 110** is the 20% darker color. If you saturate the color by 10%, you get **255, 93, 144**, and if you desaturate by 10%, it is **255, 144, 178**.

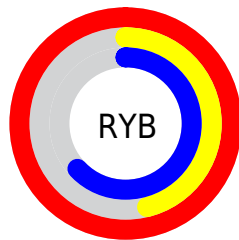
Distribution



Red (100%)

Green (46%)

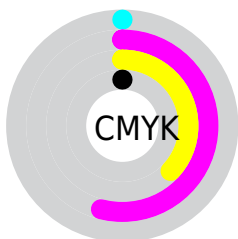
Blue (63%)



Red (100%)

Yellow (46%)

Blue (63%)

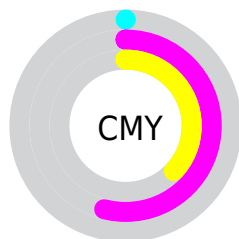


Cyan (0%)

Magenta (54%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 118, 161 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, 118, 161 by changing the saturation by 10% instead.

 255, 118, 161

 255, 118, 161

255, 255, 255

 225, 90, 135

 255, 174, 216

 195, 62, 110

 255, 203, 244

 165, 30, 85

 255, 232, 255

 136, 0, 62

 107, 0, 41

 79, 0, 20

 53, 0, 2

 2, 0, 0

 0, 0, 0

■ 255, 118, 161

■ 255, 118, 161

■ 255, 93, 144

■ 255, 144, 178

■ 255, 67, 126

■ 255, 169, 196

■ 255, 42, 109

■ 255, 195, 213

■ 255, 16, 91

■ 255, 220, 231

■ 255, 0, 80

■ 255, 246, 248

255, 255, 255

Harmonies

Analogous

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



229, 128, 211



255, 118, 161



253, 125, 112

Triad

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



255, 118, 161



135, 176, 73



0, 181, 253

Complementary

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



255, 118, 161



118, 255, 212

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, 187, 217



255, 118, 161



61, 185, 115

Square

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



255, 118, 161



187, 162, 56



0, 188, 166



65, 167, 255

Rectangle

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



255, 118, 161



238, 137, 84



0, 188, 166



0, 184, 243

Sweetspot

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



255, 118, 161



255, 214, 227



212, 118, 255



128, 103, 111



0, 0, 0



128, 128, 128

Same Dimension

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



255, 118, 161



255, 92, 143



255, 143, 118



128, 115, 119



191, 0, 60



64, 0, 20

Inverse Universe

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



255, 118, 161



255, 92, 143



118, 230, 255



128, 115, 119



191, 0, 60



64, 0, 20

Previews

White Background



This preview shows how the RGB color 255, 118, 161 looks on a white background.

Color Contrast Check

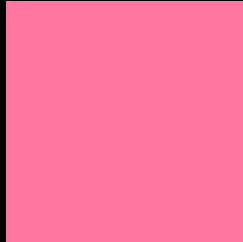
Large Text (above 18pt) WCAG AA × Fail

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, 118, 161 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, 118, 161 Background



This preview shows how black text looks on a background with the RGB color 255, 118, 161.



This preview shows how white text looks on a background with the RGB color 255, 118, 161.

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, 118, 161

Protanopia
160, 163, 188

Deuteranopia
183, 158, 155



Tritanopia
253, 123, 132

Trichromacy



Original Color

255, 118, 161



Protanomaly

195, 147, 178



Deuteranomaly

209, 143, 157



Tritanomaly

254, 121, 143

Monochromacy



Original Color

255, 118, 161



Achromatopsia

164, 164, 164



Achromatomaly

197, 147, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 118, 161 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, 118, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 161)  
}
```

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, 118, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 161) }
```

Border

The CSS property to change the border of an element to RGB 255, 118, 161 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, 118, 161) }
```

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

```
.border{ border-color:rgb(255, 118, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 255, 118, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 161) }
```

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

```
.background{ background-color: rgb(255,  
118, 161) }
```

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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