

Converting Colors

RGB(255, 121, 168)

Have a look what the booklet for
RGB(255, 121, 168) contains.

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Color

RGB(255, 121, 168)

Conversions

Conversions Part 1

Format	Color
Hex	FF79A8
RGB	255, 121, 168
RGB Percent	100%, 47%, 66%
CMY	0.0000, 0.5255, 0.3412
CMYK	0.00, 0.53, 0.34, 0.00
HSL	339°, 100%, 74%
HSV	339°, 53%, 100%
XYZ	55.1453, 37.7619, 41.4281
YIQ	166.4240, 64.7770, 43.0250

Conversions

Conversions Part 2

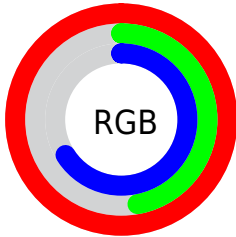
Format	Color
R _Y B	255, 121, 168
Decimal	16742824
CIE Lab	67.84, 55.62, -0.36
CIE LCh	68, 55.624, 359.625
Yxy	37.7619, 0.4105, 0.2811
Android (android.graphics.Color)	4294932904 (0xFFFF79A8)
YUV	166.4240, 0.7770, 77.6812
Hunter-Lab	61.4507, 52.6454, 3.0441

Details

The RGB color **255, 121, 168** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **121, 255, 208**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 177, 223**, and **195, 65, 116** is the 20% darker color. If you saturate the color by 10%, you get **255, 96, 151**, and if you desaturate by 10%, it is **255, 147, 185**.

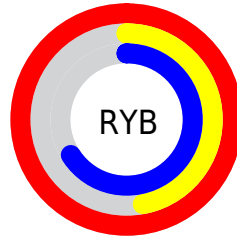
Distribution



Red (100%)

Green (47%)

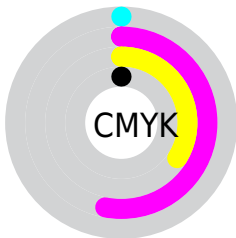
Blue (66%)



Red (100%)

Yellow (47%)

Blue (66%)

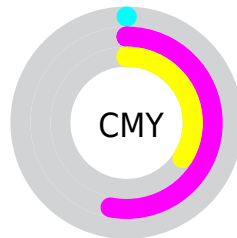


Cyan (0%)

Magenta (53%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (53%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 121, 168 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, 121, 168 by changing the saturation by 10% instead.

 255, 121, 168

 255, 121, 168

255, 255, 255

 225, 93, 142

 255, 177, 223

 195, 65, 116

 255, 206, 252

 165, 35, 92

 255, 235, 255

 136, 0, 68

 108, 0, 46

 80, 0, 26

 55, 0, 2

 8, 0, 0


 0, 0, 0

 255, 121, 168

 255, 121, 168

 255, 96, 151


 255, 147, 185

 255, 70, 135

 255, 172, 201

 255, 44, 118

 255, 197, 218

 255, 19, 102

 255, 223, 234

 255, 0, 89

 255, 249, 251

255, 255, 255

Harmonies

Analogous

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



226, 132, 217



255, 121, 168



255, 127, 119

Triad

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



255, 121, 168



143, 177, 73



0, 183, 251

Complementary

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



255, 121, 168



121, 255, 208

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, 213



255, 121, 168



75, 186, 112

Square

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



255, 121, 168



194, 162, 59



0, 190, 163



52, 171, 255

Rectangle

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



255, 121, 168



243, 137, 90



0, 190, 163



0, 186, 241

Sweetspot

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



255, 121, 168



255, 214, 229



206, 121, 255



128, 103, 112



0, 0, 0



128, 128, 128

Same Dimension

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



255, 121, 168



255, 94, 151



255, 139, 121



128, 115, 119



191, 0, 67



64, 0, 22

Inverse Universe

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



255, 121, 168



255, 94, 151



121, 237, 255



128, 115, 119



191, 0, 67



64, 0, 22

Previews

White Background



This preview shows how the RGB color 255, 121, 168 looks on a white background.

Color Contrast Check

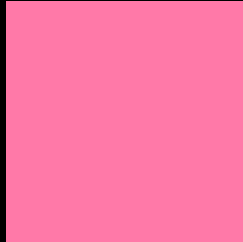
Large Text (above 18pt) WCAG AA × Fail

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, 121, 168 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, 121, 168 Background



This preview shows how black text looks on a background with the RGB color 255, 121, 168.

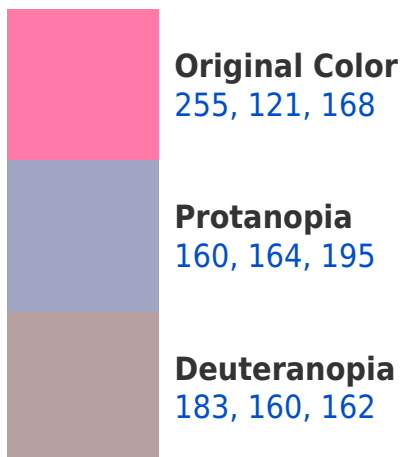


This preview shows how white text looks on a background with the RGB color 255, 121, 168.

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
252, 127, 136

Trichromacy



Original Color

255, 121, 168



Protanomaly

195, 148, 185



Deuteranomaly

209, 146, 164



Tritanomaly

253, 125, 148

Monochromacy



Original Color

255, 121, 168



Achromatopsia

166, 166, 166



Achromatomaly

198, 150, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 121, 168 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, 121, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 168)  
}
```

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, 121, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 168) }
```

Border

The CSS property to change the border of an element to RGB 255, 121, 168 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, 121, 168) }
```

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

```
.border{ border-color:rgb(255, 121, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 255, 121, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 168) }
```

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

```
.background{ background-color: rgb(255,  
121, 168) }
```

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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