

Converting Colors

RGB(255, 95, 181)

Have a look what the booklet for
RGB(255, 95, 181) contains.

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Color

RGB(255, 95, 181)

Conversions

Conversions Part 1

Format	Color
Hex	FF5FB5
RGB	255, 95, 181
RGB Percent	100%, 37%, 71%
CMY	0.0000, 0.6275, 0.2902
CMYK	0.00, 0.63, 0.29, 0.00
HSL	328°, 100%, 69%
HSV	328°, 63%, 100%
XYZ	53.6727, 32.7806, 47.2145
YIQ	152.6440, 67.7540, 60.6660

Conversions

Conversions Part 2

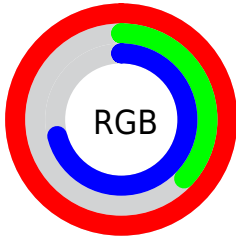
Format	Color
RYB	255, 95, 181
Decimal	16736181
CIELab	63.98, 68.52, -13.48
CIELCh	64, 69.837, 348.872
Yxy	32.7806, 0.4015, 0.2452
Android (android.graphics.Color)	4294926261 (0xFFFF5FB5)
YUV	152.6440, 13.9795, 89.7662
Hunter-Lab	57.2544, 67.1385, -8.8151

Details

The RGB color **255, 95, 181** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **95, 255, 169**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 153, 237**, and **194, 26, 128** is the 20% darker color. If you saturate the color by 10%, you get **255, 69, 169**, and if you desaturate by 10%, it is **255, 121, 193**.

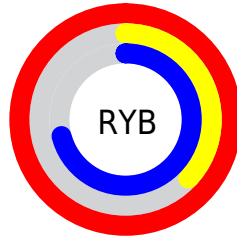
Distribution



Red (100%)

Green (37%)

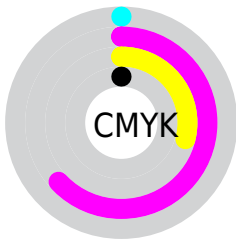
Blue (71%)



Red (100%)

Yellow (37%)

Blue (71%)

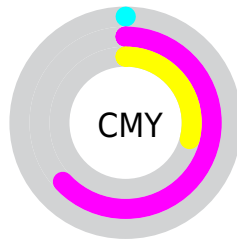


Cyan (0%)

Magenta (63%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (63%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 95, 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, 95, 181 by changing the saturation by 10% instead.

 255, 95, 181

 255, 95, 181

255, 255, 255

 224, 64, 154

 255, 153, 237

 194, 26, 128

 255, 182, 255

 165, 0, 103

 255, 212, 255

 135, 0, 79

 255, 241, 255

 106, 0, 56

 78, 0, 35

 51, 0, 9

 0, 0, 0

 255, 95, 181

 255, 95, 181

■ 255, 69, 169

■ 255, 121, 193

■ 255, 44, 157

■ 255, 146, 205

■ 255, 18, 146

■ 255, 172, 216

■ 255, 0, 137

■ 255, 197, 228

■ 255, 223, 240

■ 255, 248, 252

255, 255, 255

Harmonies

Analogous

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



206, 120, 238



255, 95, 181



255, 94, 119

Triad

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



255, 95, 181



148, 164, 2



0, 180, 248

Complementary

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



255, 95, 181



95, 255, 169

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, 184, 194



255, 95, 181



68, 176, 67

Square

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



255, 95, 181



204, 144, 2



0, 182, 129



0, 169, 255

Rectangle

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



255, 95, 181



255, 108, 80



0, 182, 129



0, 182, 232

Sweetspot

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



255, 95, 181



255, 207, 233



167, 95, 255



128, 98, 114



0, 0, 0



128, 128, 128

Same Dimension

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



255, 95, 181



255, 64, 167



255, 95, 103



128, 115, 122



191, 0, 103



64, 0, 34

Inverse Universe

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



255, 95, 181



255, 64, 167



95, 255, 247



128, 115, 122



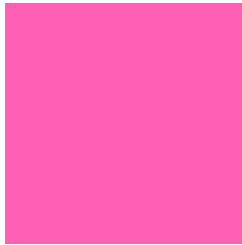
191, 0, 103



64, 0, 34

Previews

White Background



This preview shows how the RGB color 255, 95, 181 looks on a white background.

Color Contrast Check

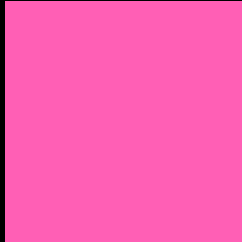
Large Text (above 18pt) WCAG AA × Fail

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, 95, 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, 95, 181 Background



This preview shows how black text looks on a background with the RGB color 255, 95, 181.



This preview shows how white text looks on a background with the RGB color 255, 95, 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, 95, 181

Protanopia
134, 153, 222

Deuteranopia
162, 151, 173



Tritanopia
250, 110, 117

Trichromacy



Original Color
255, 95, 181



Protanomaly
178, 132, 207



Deuteranomaly
196, 131, 176



Tritanomaly
252, 105, 140

Monochromacy



Original Color
255, 95, 181



Achromatopsia
153, 153, 153



Achromatomaly
190, 132, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 95, 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, 95, 181) looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 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, 95, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 181) }
```

Border

The CSS property to change the border of an element to RGB 255, 95, 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, 95, 181) }
```

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

```
.border{ border-color:rgb(255, 95, 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, 95, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 255, 95, 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, 95, 181) }
```

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

```
.background{ background-color: rgb(255, 95,  
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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