

Converting Colors

RGB(255, 84, 168)

Have a look what the booklet for
RGB(255, 84, 168) contains.

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Color

RGB(255, 84, 168)

Conversions

Conversions Part 1

Format	Color
Hex	FF54A8
RGB	255, 84, 168
RGB Percent	100%, 33%, 66%
CMY	0.0000, 0.6706, 0.3412
CMYK	0.00, 0.67, 0.34, 0.00
HSL	331°, 100%, 66%
HSV	331°, 67%, 100%
XYZ	51.4782, 30.4278, 40.2057
YIQ	144.7050, 74.9520, 62.3760

Conversions

Conversions Part 2

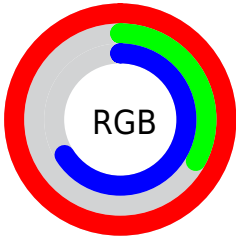
Format	Color
R _Y B	255, 84, 168
Decimal	16733352
CIE Lab	62.02, 71.27, -8.96
CIE LCh	62, 71.828, 352.830
Yxy	30.4278, 0.4216, 0.2492
Android (android.graphics.Color)	4294923432 (0xFFFF54A8)
YUV	144.7050, 11.4844, 96.7287
Hunter-Lab	55.1614, 70.0489, -4.6020

Details

The RGB color **255, 84, 168** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **84, 255, 171**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 143, 223**, and **194, 0, 116** is the 20% darker color. If you saturate the color by 10%, you get **255, 58, 155**, and if you desaturate by 10%, it is **255, 109, 181**.

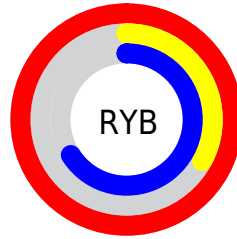
Distribution



Red (100%)

Green (33%)

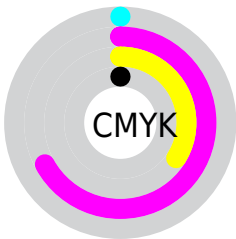
Blue (66%)



Red (100%)

Yellow (33%)

Blue (66%)

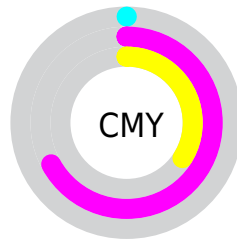


Cyan (0%)

Magenta (67%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (67%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 84, 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, 84, 168 by changing the saturation by 10% instead.

 255, 84, 168

 255, 84, 168

255, 255, 255

 224, 51, 142

 255, 143, 223

 194, 0, 116

 255, 173, 252

 164, 0, 91

 255, 202, 255

 134, 0, 68

 255, 232, 255

 105, 0, 46

 77, 0, 26

 48, 0, 2

 0, 0, 0

 255, 84, 168

 255, 84, 168

■ 255, 58, 155

■ 255, 109, 181

■ 255, 33, 142

■ 255, 135, 194

■ 255, 8, 129

■ 255, 161, 207

■ 255, 0, 125

■ 255, 186, 220

■ 255, 211, 233

■ 255, 237, 246

255, 255, 255

Harmonies

Analogous

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



211, 109, 228



255, 84, 168



255, 88, 105

Triad

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



255, 84, 168



133, 161, 0



0, 174, 251

Complementary

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



255, 84, 168



84, 255, 171

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, 179, 198



255, 84, 168



35, 172, 67

Square

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



255, 84, 168



192, 142, 0



0, 178, 132



0, 162, 255

Rectangle

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



255, 84, 168



248, 105, 65



0, 178, 132



0, 177, 235

Sweetspot

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



255, 84, 168



255, 204, 229



170, 84, 255



128, 97, 112



0, 0, 0



128, 128, 128

Same Dimension

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



255, 84, 168



255, 51, 151



255, 84, 84



128, 115, 121



191, 0, 94



64, 0, 31

Inverse Universe

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



255, 84, 168



255, 51, 151



84, 255, 255



128, 115, 121



191, 0, 94



64, 0, 31

Previews

White Background



This preview shows how the RGB color 255, 84, 168 looks on a white background.

Color Contrast Check

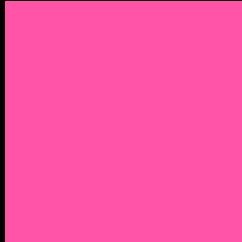
Large Text (above 18pt) WCAG AA × Fail

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, 84, 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, 84, 168 Background



This preview shows how black text looks on a background with the RGB color 255, 84, 168.



This preview shows how white text looks on a background with the RGB color 255, 84, 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



Original Color
255, 84, 168

Protanopia
131, 148, 211

Deuteranopia
161, 146, 159



Tritanopia
250, 99, 105

Trichromacy



Original Color
255, 84, 168



Protanomaly
176, 125, 195



Deuteranomaly
195, 123, 162



Tritanomaly
252, 94, 128

Monochromacy



Original Color
255, 84, 168



Achromatopsia
145, 145, 145



Achromatomaly
185, 123, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 84, 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, 84, 168) looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 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, 84, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 168) }
```

Border

The CSS property to change the border of an element to RGB 255, 84, 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, 84, 168) }
```

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

```
.border{ border-color:rgb(255, 84, 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, 84, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 255, 84, 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, 84, 168) }
```

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

```
.background{ background-color: rgb(255, 84,  
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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