

Converting Colors

RGB(255, 84, 180)

Have a look what the booklet for
RGB(255, 84, 180) contains.

RGB(255, 84, 180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(255, 84, 180)

Conversions

Conversions Part 1

Format	Color
Hex	FF54B4
RGB	255, 84, 180
RGB Percent	100%, 33%, 71%
CMY	0.0000, 0.6706, 0.2941
CMYK	0.00, 0.67, 0.29, 0.00
HSL	326°, 100%, 66%
HSV	326°, 67%, 100%
XYZ	52.6485, 30.8959, 46.3686
YIQ	146.0730, 71.1000, 66.1080

Conversions

Conversions Part 2

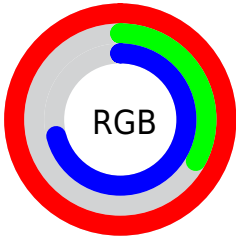
Format	Color
R _Y B	255, 84, 180
Decimal	16733364
CIE Lab	62.42, 72.62, -15.26
CIE LCh	62, 74.203, 348.129
Yxy	30.8959, 0.4053, 0.2378
Android (android.graphics.Color)	4294923444 (0xFFFF54B4)
YUV	146.0730, 16.7260, 95.5290
Hunter-Lab	55.5841, 71.8007, -10.5512

Details

The RGB color **255, 84, 180** 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 **84, 255, 159**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **255, 144, 236**, and **194, 0, 127** is the 20% darker color. If you saturate the color by 10%, you get **255, 58, 169**, and if you desaturate by 10%, it is **255, 109, 191**.

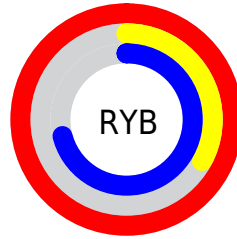
Distribution



Red (100%)

Green (33%)

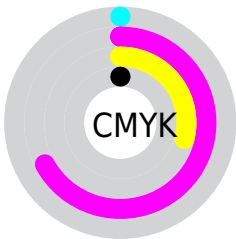
Blue (71%)



Red (100%)

Yellow (33%)

Blue (71%)

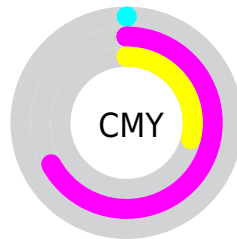


Cyan (0%)

Magenta (67%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (67%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 84, 180 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, 180 by changing the saturation by 10% instead.

 255, 84, 180

 255, 84, 180

255, 255, 255

 224, 51, 153

 255, 144, 236

 194, 0, 127

 255, 173, 255

 164, 0, 102

 255, 203, 255

 135, 0, 78

 255, 233, 255

 105, 0, 55

 78, 0, 34

 49, 0, 7

 0, 0, 0

 255, 84, 180

 255, 84, 180

■ 255, 58, 169

■ 255, 109, 191

■ 255, 33, 158

■ 255, 135, 202

■ 255, 8, 146

■ 255, 161, 214

■ 255, 0, 143

■ 255, 186, 225

■ 255, 211, 236

■ 255, 237, 247

255, 255, 255

Harmonies

Analogous

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



203, 114, 240



255, 84, 180



255, 82, 114

Triad

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



255, 84, 180



143, 160, 0



0, 177, 248

Complementary

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



255, 84, 180



84, 255, 159

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, 181, 190



255, 84, 180



56, 173, 54

Square

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



255, 84, 180



203, 138, 0



0, 179, 122



0, 166, 255

Rectangle

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



255, 84, 180



255, 99, 73



0, 179, 122



0, 179, 231

Sweetspot

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



255, 84, 180



255, 204, 233



158, 84, 255



128, 97, 114



0, 0, 0



128, 128, 128

Same Dimension

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



255, 84, 180



255, 51, 166



255, 84, 95



128, 115, 122



191, 0, 107



64, 0, 36

Inverse Universe

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



255, 84, 180



255, 51, 166



84, 255, 244



128, 115, 122



191, 0, 107



64, 0, 36

Previews

White Background



This preview shows how the RGB color 255, 84, 180 looks on a white background.

Color Contrast Check

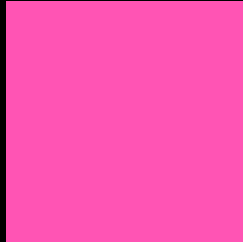
Large Text (above 18pt) WCAG AA × Fail

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, 180 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, 180 Background



This preview shows how black text looks on a background with the RGB color 255, 84, 180.



This preview shows how white text looks on a background with the RGB color 255, 84, 180.

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, 180

Protanopia
125, 149, 226

Deuteranopia
157, 147, 171



Tritanopia
249, 102, 109

Trichromacy



Original Color
255, 84, 180



Protanomaly
172, 125, 209



Deuteranomaly
193, 124, 174



Tritanomaly
251, 95, 135

Monochromacy



Original Color
255, 84, 180



Achromatopsia
146, 146, 146



Achromatomaly
186, 123, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 84, 180 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 180) }
```

Border

The CSS property to change the border of an element to RGB 255, 84, 180 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, 180) }
```

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

```
.border{ border-color:rgb(255, 84, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 255, 84, 180 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, 180) }
```

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

```
.background{ background-color: rgb(255, 84,  
180) }
```

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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