

Converting Colors

RGB(255, 99, 181)

Have a look what the booklet for
RGB(255, 99, 181) contains.

RGB(255, 99, 181)	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, 99, 181)

Conversions

Conversions Part 1

Format	Color
Hex	FF63B5
RGB	255, 99, 181
RGB Percent	100%, 39%, 71%
CMY	0.0000, 0.6118, 0.2902
CMYK	0.00, 0.61, 0.29, 0.00
HSL	328°, 100%, 69%
HSV	328°, 61%, 100%
XYZ	54.0423, 33.5199, 47.3377
YIQ	154.9920, 66.6540, 58.5740

Conversions

Conversions Part 2

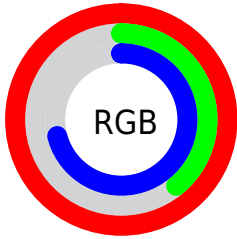
Format	Color
R _Y B	255, 99, 181
Decimal	16737205
CIE Lab	64.58, 66.90, -12.58
CIE LCh	65, 68.071, 349.349
Yxy	33.5199, 0.4006, 0.2485
Android (android.graphics.Color)	4294927285 (0xFFFF63B5)
YUV	154.9920, 12.8219, 87.7070
Hunter-Lab	57.8964, 65.2991, -7.9497

Details

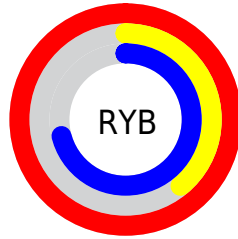
The RGB color **255, 99, 181** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **99, 255, 173**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **255, 157, 237**, and **194, 34, 128** is the 20% darker color. If you saturate the color by 10%, you get **255, 73, 169**, and if you desaturate by 10%, it is **255, 124, 193**.

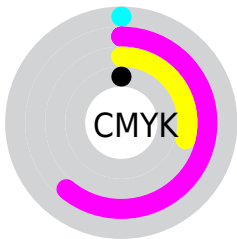
Distribution



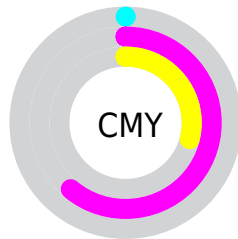
- Red (100%)
- Green (39%)
- Blue (71%)



- Red (100%)
- Yellow (39%)
- Blue (71%)



- Cyan (0%)
- Magenta (61%)
- Yellow (29%)
- Black (0%)


















- Cyan (0%)
- Magenta (61%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 99, 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, 99, 181 by changing the saturation by 10% instead.

 255, 99, 181	 255, 99, 181
255, 255, 255	 224, 69, 154
 255, 157, 237	 194, 34, 128
 255, 186, 255	 165, 0, 103
 255, 215, 255	 136, 0, 79
 255, 245, 255	 107, 0, 56
	 79, 0, 35
	 52, 0, 10
	 1, 0, 0
	 0, 0, 0

■ 255, 99, 181

■ 255, 99, 181

■ 255, 73, 169

■ 255, 124, 193

■ 255, 48, 157

■ 255, 150, 205

■ 255, 22, 145

■ 255, 176, 217

■ 255, 0, 134

■ 255, 201, 229

■ 255, 227, 241

■ 255, 252, 254

■ 255, 255, 255

Harmonies

Analogous

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



208, 122, 237



255, 99, 181



255, 99, 120

Triad

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



255, 99, 181



149, 165, 18



0, 181, 248

Complementary

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



255, 99, 181



99, 255, 173

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, 185, 195



255, 99, 181



72, 178, 72

Square

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



255, 99, 181



205, 146, 16



0, 184, 132



0, 170, 255

Rectangle

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



255, 99, 181



255, 112, 82



0, 184, 132



0, 183, 233

Sweetspot

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



255, 99, 181



255, 209, 233



172, 99, 255



128, 99, 114



0, 0, 0



128, 128, 128

Same Dimension

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



255, 99, 181



255, 69, 167



255, 99, 104



128, 115, 121



191, 0, 101



64, 0, 34

Inverse Universe

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



255, 99, 181



255, 69, 167



99, 255, 250



128, 115, 121



191, 0, 101



64, 0, 34

Previews

White Background



This preview shows how the RGB color 255, 99, 181 looks on a white background.

Color Contrast Check

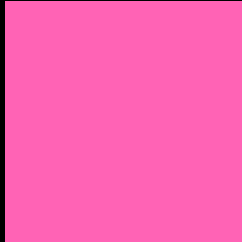
Large Text (above 18pt) WCAG AA × Fail

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, 99, 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, 99, 181 Background



This preview shows how black text looks on a background with the RGB color 255, 99, 181.



This preview shows how white text looks on a background with the RGB color 255, 99, 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, 99, 181

Protanopia
137, 155, 220

Deuteranopia
165, 153, 173



Tritanopia
250, 113, 121

Trichromacy



Original Color
255, 99, 181



Protanomaly
180, 135, 206



Deuteranomaly
198, 133, 176



Tritanomaly
252, 108, 143

Monochromacy



Original Color
255, 99, 181



Achromatopsia
155, 155, 155



Achromatomaly
191, 135, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 99, 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, 99, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 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, 99, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 181) }
```

Border

The CSS property to change the border of an element to RGB 255, 99, 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, 99, 181) }
```

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

```
.border{ border-color:rgb(255, 99, 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, 99, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 255, 99, 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, 99, 181) }
```

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

```
.background{ background-color: rgb(255, 99,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor