

Converting Colors

RGB(255, 80, 173)

Have a look what the booklet for
RGB(255, 80, 173) contains.

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Color

RGB(255, 80, 173)

Conversions

Conversions Part 1

Format	Color
Hex	FF50AD
RGB	255, 80, 173
RGB Percent	100%, 31%, 68%
CMY	0.0000, 0.6863, 0.3216
CMYK	0.00, 0.69, 0.32, 0.00
HSL	328°, 100%, 66%
HSV	328°, 69%, 100%
XYZ	51.6515, 30.0145, 42.6062
YIQ	142.9270, 74.4470, 66.0230

Conversions

Conversions Part 2

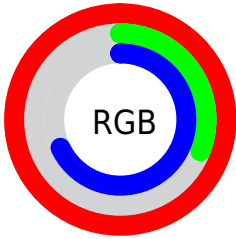
Format	Color
R_{YB}	255, 80, 173
Decimal	16732333
CIE _{Lab}	61.67, 73.25, -12.38
CIE _{LCh}	62, 74.291, 350.410
Yxy	30.0145, 0.4156, 0.2415
Android (android.graphics.Color)	4294922413 (0xFFFF50AD)
YUV	142.9270, 14.8260, 98.2880
Hunter-Lab	54.7854, 72.4145, -7.7595

Details

The RGB color **255, 80, 173** 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 **80, 255, 162**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **255, 140, 228**, and **194, 0, 121** is the 20% darker color. If you saturate the color by 10%, you get **255, 55, 161**, and if you desaturate by 10%, it is **255, 106, 185**.

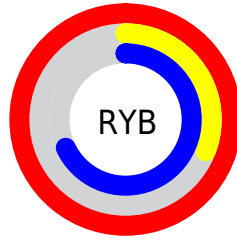
Distribution



Red (100%)

Green (31%)

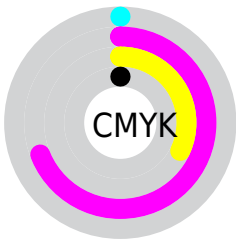
Blue (68%)



Red (100%)

Yellow (31%)

Blue (68%)

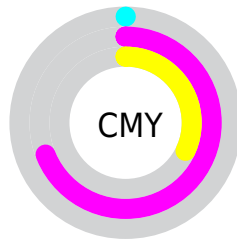


Cyan (0%)

Magenta (69%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (69%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 80, 173 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, 80, 173 by changing the saturation by 10% instead.

 255, 80, 173

 255, 80, 173

255, 255, 255

 224, 45, 146

 255, 140, 228

 194, 0, 121

 255, 170, 255

 164, 0, 96

 255, 199, 255

 134, 0, 72

 255, 229, 255

 105, 0, 50

 77, 0, 29

 48, 0, 2

 0, 0, 0

 255, 80, 173

 255, 80, 173

■ 255, 55, 161

■ 255, 106, 185

■ 255, 29, 149

■ 255, 131, 197

■ 255, 4, 137

■ 255, 157, 209

■ 255, 0, 136

■ 255, 182, 221

■ 255, 208, 233

■ 255, 233, 245

255, 255, 255

Harmonies

Analogous

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



206, 109, 234



255, 80, 173



255, 81, 107

Triad

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



255, 80, 173



136, 159, 0



0, 175, 250

Complementary

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



255, 80, 173



80, 255, 162

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, 193



255, 80, 173



40, 171, 57

Square

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



255, 80, 173



196, 138, 0



0, 177, 125



0, 163, 255

Rectangle

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



255, 80, 173



252, 99, 66



0, 177, 125



0, 177, 233

Sweetspot

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



255, 80, 173



255, 201, 230



162, 80, 255



128, 96, 113



0, 0, 0



128, 128, 128

Same Dimension

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



255, 80, 173



255, 46, 157



255, 80, 86



128, 115, 122



191, 0, 102



64, 0, 34

Inverse Universe

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



255, 80, 173



255, 46, 157



80, 255, 249



128, 115, 122



191, 0, 102



64, 0, 34

Previews

White Background



This preview shows how the RGB color 255, 80, 173 looks on a white background.

Color Contrast Check

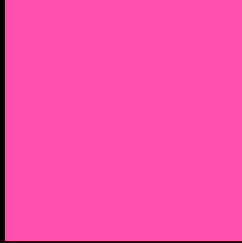
Large Text (above 18pt) WCAG AA ✓ Pass

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, 80, 173 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, 80, 173 Background



This preview shows how black text looks on a background with the RGB color 255, 80, 173.

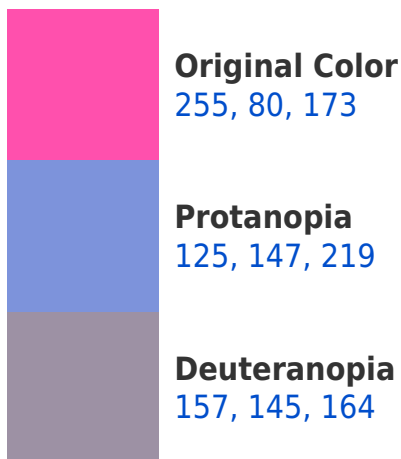


This preview shows how white text looks on a background with the RGB color 255, 80, 173.

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
250, 98, 104

Trichromacy



Original Color

255, 80, 173



Protanomaly

172, 123, 202



Deuteranomaly

193, 121, 167



Tritanomaly

252, 91, 129

Monochromacy



Original Color

255, 80, 173



Achromatopsia

143, 143, 143



Achromatomaly

184, 120, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 80, 173 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, 80, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 80, 173)  
}
```

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, 80, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 80, 173) }
```

Border

The CSS property to change the border of an element to RGB 255, 80, 173 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, 80, 173) }
```

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

```
.border{ border-color:rgb(255, 80, 173) }
```

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

Here you see how a box with a 4 pixel rgb(255, 80, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 80, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 80, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 80,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 255, 80, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 80, 173) }
```

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

```
.background{ background-color: rgb(255, 80,  
173) }
```

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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