

Converting Colors

RGB(255, 96, 166)

Have a look what the booklet for
RGB(255, 96, 166) contains.

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Color

RGB(255, 96, 166)

Conversions

Conversions Part 1

Format	Color
Hex	FF60A6
RGB	255, 96, 166
RGB Percent	100%, 38%, 65%
CMY	0.0000, 0.6235, 0.3490
CMYK	0.00, 0.62, 0.35, 0.00
HSL	334°, 100%, 69%
HSV	334°, 62%, 100%
XYZ	52.3058, 32.3789, 39.5693
YIQ	151.5210, 72.2940, 55.4780

Conversions

Conversions Part 2

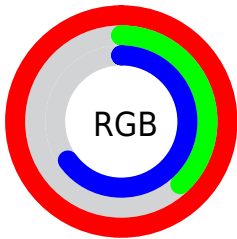
Format	Color
R _Y B	255, 96, 166
Decimal	16736422
CIE Lab	63.65, 66.40, -5.39
CIE LCh	64, 66.617, 355.361
Yxy	32.3789, 0.4210, 0.2606
Android (android.graphics.Color)	4294926502 (0xFFFF60A6)
YUV	151.5210, 7.1381, 90.7511
Hunter-Lab	56.9025, 64.5012, -1.3979

Details

The RGB color **255, 96, 166** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **96, 255, 185**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **255, 154, 221**, and **194, 30, 114** is the 20% darker color. If you saturate the color by 10%, you get **255, 71, 152**, and if you desaturate by 10%, it is **255, 122, 180**.

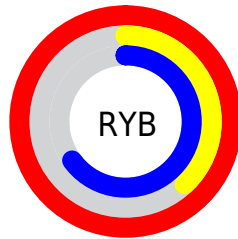
Distribution



Red (100%)

Green (38%)

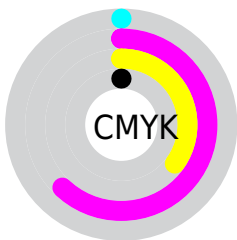
Blue (65%)



Red (100%)

Yellow (38%)

Blue (65%)

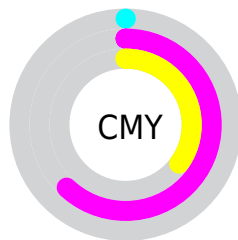


Cyan (0%)

Magenta (62%)

Yellow (35%)

Black (0%)



Cyan (0%)















Magenta (62%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 96, 166 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, 96, 166 by changing the saturation by 10% instead.

 255, 96, 166	 255, 96, 166
255, 255, 255	 224, 66, 140
 255, 154, 221	 194, 30, 114
 255, 183, 250	 164, 0, 90
 255, 212, 255	 135, 0, 66
 255, 242, 255	 105, 0, 44
	 77, 0, 24
	 49, 0, 2
	 0, 0, 0

 255, 96, 166	 255, 96, 166
--	--

■ 255, 71, 152

■ 255, 122, 180

■ 255, 45, 137

■ 255, 147, 195

■ 255, 20, 123

■ 255, 173, 209

■ 255, 0, 112

■ 255, 198, 223

■ 255, 224, 237

■ 255, 249, 252

255, 255, 255

Harmonies

Analogous

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



217, 115, 223



255, 96, 166



255, 101, 107

Triad

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



255, 96, 166



134, 166, 30



0, 177, 251

Complementary

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



255, 96, 166



96, 255, 185

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, 182, 203



255, 96, 166



46, 176, 83

Square

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



255, 96, 166



191, 148, 11



0, 181, 143



0, 164, 255

Rectangle

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



255, 96, 166



245, 116, 71



0, 181, 143



0, 179, 238

Sweetspot

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



255, 96, 166



255, 207, 228



183, 96, 255



128, 98, 111



0, 0, 0



128, 128, 128

Same Dimension

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



255, 96, 166



255, 64, 148



255, 104, 96



128, 115, 120



191, 0, 84



64, 0, 28

Inverse Universe

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



255, 96, 166



255, 64, 148



96, 247, 255



128, 115, 120



191, 0, 84



64, 0, 28

Previews

White Background



This preview shows how the RGB color 255, 96, 166 looks on a white background.

Color Contrast Check

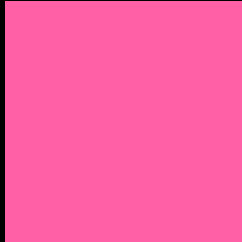
Large Text (above 18pt) WCAG AA × Fail

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, 96, 166 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, 96, 166 Background



This preview shows how black text looks on a background with the RGB color 255, 96, 166.



This preview shows how white text looks on a background with the RGB color 255, 96, 166.

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, 96, 166

Protanopia
141, 153, 203

Deuteranopia
168, 150, 158



Tritanopia
251, 107, 114

Trichromacy



Original Color

255, 96, 166



Protanomaly

182, 132, 190



Deuteranomaly

200, 130, 161



Tritanomaly

252, 103, 133

Monochromacy



Original Color

255, 96, 166



Achromatopsia

152, 152, 152



Achromatomaly

189, 132, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 96, 166 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, 96, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 96, 166)  
}
```

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, 96, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 166) }
```

Border

The CSS property to change the border of an element to RGB 255, 96, 166 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, 96, 166) }
```

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

```
.border{ border-color:rgb(255, 96, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 96, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 96, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 96, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 96,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 255, 96, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 96, 166) }
```

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

```
.background{ background-color: rgb(255, 96,  
166) }
```

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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