

Converting Colors

RGB(255, 53, 195)

Have a look what the booklet for
RGB(255, 53, 195) contains.

RGB(255, 53, 195)	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, 53, 195)

Conversions

Conversions Part 1

Format	Color
Hex	FF35C3
RGB	255, 53, 195
RGB Percent	100%, 21%, 76%
CMY	0.0000, 0.7922, 0.2353
CMYK	0.00, 0.79, 0.24, 0.00
HSL	318°, 100%, 60%
HSV	318°, 79%, 100%
XYZ	52.3634, 27.7463, 54.2255
YIQ	129.5860, 74.8100, 86.9860

Conversions

Conversions Part 2

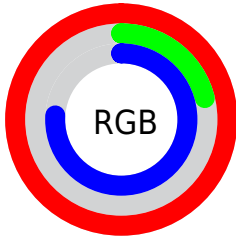
Format	Color
RYB	255, 53, 195
Decimal	16725443
CIELab	59.66, 83.77, -28.08
CIELCh	60, 88.355, 341.467
Yxy	27.7463, 0.3898, 0.2065
Android (android.graphics.Color)	4294915523 (0xFFFF35C3)
YUV	129.5860, 32.2491, 109.9881
Hunter-Lab	52.6748, 85.2640, -24.1631

Details

The RGB color **255, 53, 195** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **53, 255, 113**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **255, 122, 252**, and **193, 0, 141** is the 20% darker color. If you saturate the color by 10%, you get **255, 27, 187**, and if you desaturate by 10%, it is **255, 79, 203**.

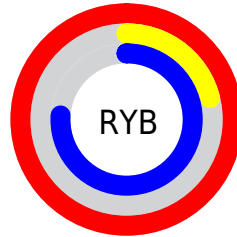
Distribution



Red (100%)

Green (21%)

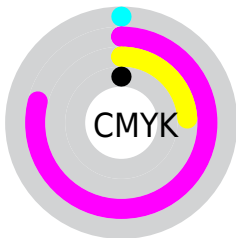
Blue (76%)



Red (100%)

Yellow (21%)

Blue (76%)

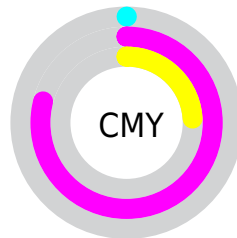


Cyan (0%)

Magenta (79%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 53, 195 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, 53, 195 by changing the saturation by 10% instead.

 255, 53, 195

 255, 53, 195

255, 255, 255

 224, 0, 168

 255, 122, 252

 193, 0, 141

 255, 152, 255

 163, 0, 115

 255, 183, 255

 134, 0, 90

 255, 213, 255

 104, 0, 67

 255, 244, 255

 77, 0, 44

 46, 0, 22

 0, 0, 0

 255, 53, 195

 255, 53, 195

■ 255, 27, 187

■ 255, 79, 203

■ 255, 2, 180

■ 255, 104, 210

■ 255, 0, 179

■ 255, 130, 218

■ 255, 155, 225

■ 255, 180, 233

■ 255, 206, 240

■ 255, 232, 248

255, 255, 255

Harmonies

Analogous

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



181, 106, 255



255, 53, 195



255, 27, 118

Triad

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



255, 53, 195



147, 150, 0



0, 175, 246

Complementary

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



255, 53, 195



53, 255, 113

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, 177, 173



255, 53, 195



46, 166, 0

Square

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



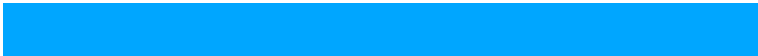
255, 53, 195



212, 122, 0



0, 174, 91



0, 166, 255

Rectangle

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



255, 53, 195



255, 61, 68



0, 174, 91



0, 176, 224

Sweetspot

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



255, 53, 195



255, 194, 237



110, 53, 255



128, 91, 117



0, 0, 0



128, 128, 128

Same Dimension

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



255, 53, 195



255, 13, 183



255, 53, 97



128, 115, 124



191, 0, 134



64, 0, 45

Inverse Universe

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



255, 53, 195



255, 13, 183



53, 255, 211



128, 115, 124



191, 0, 134



64, 0, 45

Previews

White Background



This preview shows how the RGB color 255, 53, 195 looks on a white background.

Color Contrast Check

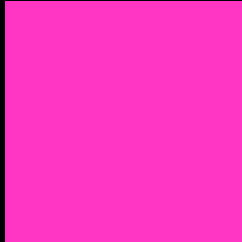
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53, 195 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 255, 53, 195 Background



This preview shows how black text looks on a background with the RGB color 255, 53, 195.

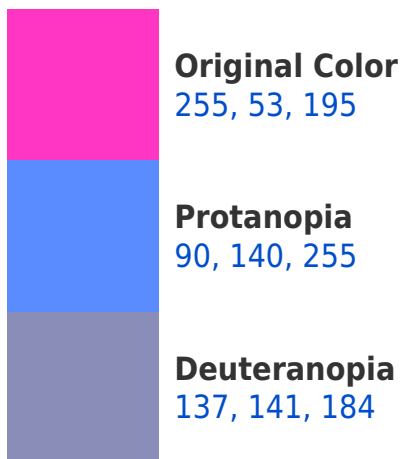



This preview shows how white text looks on a background with the RGB color 255, 53, 195.

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





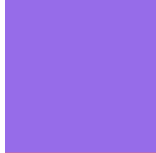
Tritanopia
247, 89, 94

Trichromacy



Original Color

255, 53, 195



Protanomaly

150, 108, 233



Deuteranomaly

180, 109, 188



Tritanomaly

250, 76, 131

Monochromacy



Original Color

255, 53, 195



Achromatopsia

130, 130, 130



Achromatomaly

175, 102, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 53, 195 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, 53, 195) looks like.

```
.text, #text, p{  
    color:rgb(255, 53, 195)  
}
```

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, 53, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 53, 195) }
```

Border

The CSS property to change the border of an element to RGB 255, 53, 195 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, 53, 195) }
```

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

```
.border{ border-color:rgb(255, 53, 195) }
```

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

Here you see how a box with a 4 pixel rgb(255, 53, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 53, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 53, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 53,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 255, 53, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 53, 195) }
```

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

```
.background{ background-color: rgb(255, 53,  
195) }
```

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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