

Converting Colors

RGB(255, 53, 234)

Have a look what the booklet for
RGB(255, 53, 234) contains.

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Color

RGB(255, 53, 234)

Conversions

Conversions Part 1

Format	Color
Hex	FF35EA
RGB	255, 53, 234
RGB Percent	100%, 21%, 92%
CMY	0.0000, 0.7922, 0.0824
CMYK	0.00, 0.79, 0.08, 0.00
HSL	306°, 100%, 60%
HSV	306°, 79%, 100%
XYZ	57.3644, 29.7467, 80.5602
YIQ	134.0320, 62.2910, 99.1150

Conversions

Conversions Part 2

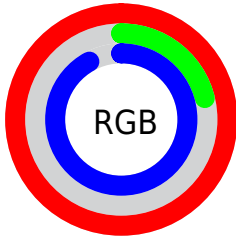
Format	Color
R _Y B	255, 53, 234
Decimal	16725482
CIE Lab	61.44, 88.77, -47.38
CIE LCh	61, 100.625, 331.909
Yxy	29.7467, 0.3421, 0.1774
Android (android.graphics.Color)	4294915562 (0xFFFF35EA)
YUV	134.0320, 49.2842, 106.0889
Hunter-Lab	54.5406, 92.2959, -49.3970

Details

The RGB color **255, 53, 234** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **53, 255, 74**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **255, 123, 255**, and **194, 0, 178** is the 20% darker color. If you saturate the color by 10%, you get **255, 27, 231**, and if you desaturate by 10%, it is **255, 79, 237**.

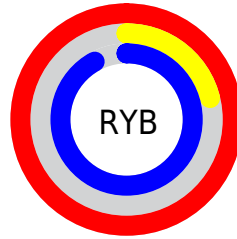
Distribution



Red (100%)

Green (21%)

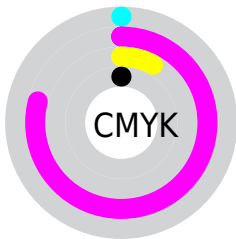
Blue (92%)



Red (100%)

Yellow (21%)

Blue (92%)

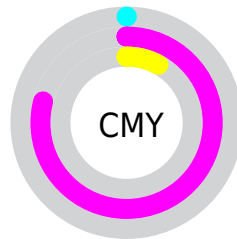


Cyan (0%)

Magenta (79%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (79%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 53, 234 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, 234 by changing the saturation by 10% instead.

 255, 53, 234

 255, 53, 234

255, 255, 255

 224, 0, 205

 255, 123, 255

 194, 0, 178

 255, 154, 255

 164, 0, 150

 255, 185, 255

 134, 0, 124

 255, 215, 255

 105, 0, 98

 255, 246, 255

 77, 0, 74

 47, 0, 50

 5, 0, 28

 0, 0, 0

■ 255, 53, 234

■ 255, 53, 234

■ 255, 27, 231

■ 255, 79, 237

■ 255, 2, 229

■ 255, 104, 239

■ 255, 0, 228

■ 255, 130, 242

■ 255, 155, 245

■ 255, 180, 247

■ 255, 206, 250

■ 255, 232, 253

255, 255, 255

Harmonies

Analogous

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



139, 121, 255



255, 53, 234



255, 0, 147

Triad

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



255, 53, 234



175, 147, 0



0, 184, 241

Complementary

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



255, 53, 234



53, 255, 74

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, 184, 152



255, 53, 234



80, 169, 0

Square

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



255, 53, 234



244, 108, 0



0, 179, 54



0, 178, 255

Rectangle

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



255, 53, 234



255, 0, 89



0, 179, 54



0, 185, 213

Sweetspot

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



255, 53, 234



255, 194, 249



73, 53, 255



128, 91, 124



0, 0, 0



128, 128, 128

Same Dimension

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



255, 53, 234



255, 13, 230



255, 53, 134



128, 115, 126



191, 0, 171



64, 0, 57

Inverse Universe

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



255, 53, 234



255, 13, 230



53, 255, 174



128, 115, 126



191, 0, 171



64, 0, 57

Previews

White Background



This preview shows how the RGB color 255, 53, 234 looks on a white background.

Color Contrast Check

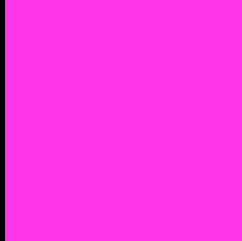
Large Text (above 18pt) WCAG AA ✓ Pass

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, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

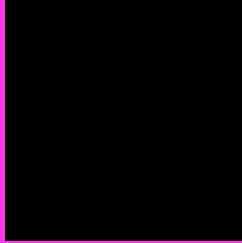
Any Text WCAG AA ✓ Pass

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, 234 Background



This preview shows how black text looks on a background with the RGB color 255, 53, 234.

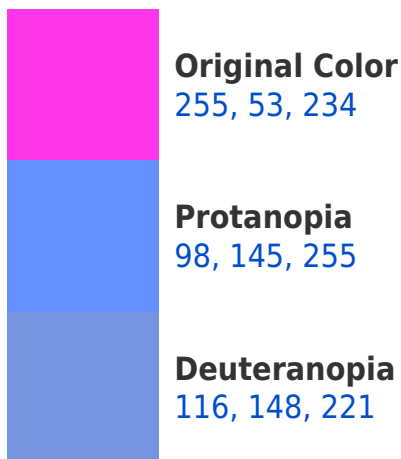



This preview shows how white text looks on a background with the RGB color 255, 53, 234.

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
242, 102, 109

Trichromacy



Original Color

255, 53, 234



Protanomaly

155, 112, 247



Deuteranomaly

167, 113, 226



Tritanomaly

247, 84, 154

Monochromacy



Original Color

255, 53, 234



Achromatopsia

134, 134, 134



Achromatomaly

178, 105, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 53, 234 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 53, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 53, 234) }
```

Border

The CSS property to change the border of an element to RGB 255, 53, 234 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, 234) }
```

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

```
.border{ border-color:rgb(255, 53, 234) }
```

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, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 53, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 53, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 53,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 255, 53, 234 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, 234) }
```

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

```
.background{ background-color: rgb(255, 53,  
234) }
```

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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