

Converting Colors

RGB(255, 50, 209)

Have a look what the booklet for
RGB(255, 50, 209) contains.

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Color

RGB(255, 50, 209)

Conversions

Conversions Part 1

Format	Color
Hex	FF32D1
RGB	255, 50, 209
RGB Percent	100%, 20%, 82%
CMY	0.0000, 0.8039, 0.1804
CMYK	0.00, 0.80, 0.18, 0.00
HSL	313°, 100%, 60%
HSV	313°, 80%, 100%
XYZ	53.8892, 28.1447, 62.9138
YIQ	129.4210, 71.1410, 92.9090

Conversions

Conversions Part 2

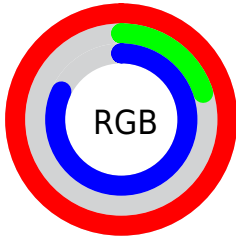
Format	Color
R _Y B	255, 50, 209
Decimal	16724689
CIE Lab	60.02, 86.16, -35.51
CIE LCh	60, 93.195, 337.600
Yxy	28.1447, 0.3718, 0.1942
Android (android.graphics.Color)	4294914769 (0xFFFF32D1)
YUV	129.4210, 39.2324, 110.1328
Hunter-Lab	53.0515, 88.4784, -33.1759

Details

The RGB color **255, 50, 209** 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 **50, 255, 96**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **255, 120, 255**, and **194, 0, 154** is the 20% darker color. If you saturate the color by 10%, you get **255, 24, 203**, and if you desaturate by 10%, it is **255, 76, 215**.

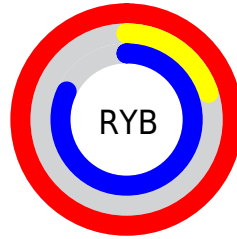
Distribution



Red (100%)

Green (20%)

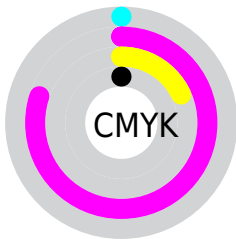
Blue (82%)



Red (100%)

Yellow (20%)

Blue (82%)

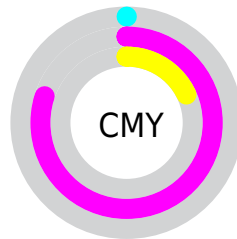


Cyan (0%)

Magenta (80%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (80%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 50, 209 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, 50, 209 by changing the saturation by 10% instead.

 255, 50, 209

 255, 50, 209

255, 255, 255

 224, 0, 181

 255, 120, 255

 194, 0, 154

 255, 151, 255

 164, 0, 128

 255, 182, 255

 134, 0, 102

 255, 212, 255

 104, 0, 78

 255, 243, 255

 77, 0, 55

 47, 0, 32

 0, 0, 3

 0, 0, 0

■ 255, 50, 209

■ 255, 50, 209

■ 255, 24, 203

■ 255, 76, 215

■ 255, 0, 198

■ 255, 101, 220

■ 255, 127, 226

■ 255, 152, 232

■ 255, 178, 238

■ 255, 203, 243

■ 255, 229, 249

255, 254, 255

255, 255, 255

Harmonies

Analogous

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



167, 111, 255



255, 50, 209



255, 0, 128

Triad

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



255, 50, 209



157, 148, 0



0, 178, 244

Complementary

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



255, 50, 209



50, 255, 96

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, 164



255, 50, 209



59, 166, 0

Square

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



255, 50, 209



223, 116, 0



0, 175, 77



0, 170, 255

Rectangle

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



255, 50, 209



255, 42, 75



0, 175, 77



0, 179, 219

Sweetspot

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



255, 50, 209



255, 194, 241



94, 50, 255



128, 91, 119



0, 0, 0



128, 128, 128

Same Dimension

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



255, 50, 209



255, 10, 200



255, 50, 108



128, 115, 125



191, 0, 148



64, 0, 49

Inverse Universe

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



255, 50, 209



255, 10, 200



50, 255, 197



128, 115, 125



191, 0, 148



64, 0, 49

Previews

White Background



This preview shows how the RGB color 255, 50, 209 looks on a white background.

Color Contrast Check

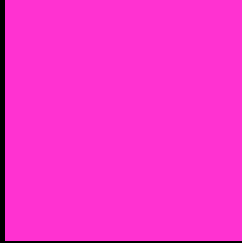
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50, 209 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, 50, 209 Background



This preview shows how black text looks on a background with the RGB color 255, 50, 209.

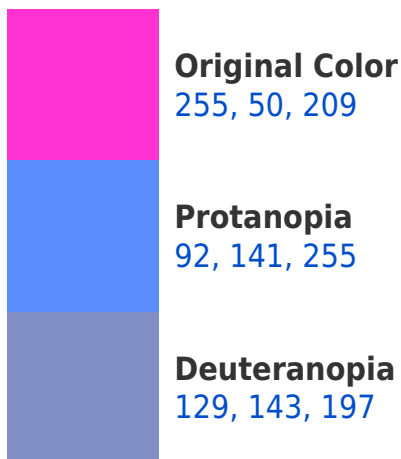


This preview shows how white text looks on a background with the RGB color 255, 50, 209.

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
245, 92, 98

Trichromacy



Original Color
255, 50, 209



Protanomaly
151, 108, 238



Deuteranomaly
175, 109, 201



Tritanomaly
249, 77, 138

Monochromacy



Original Color
255, 50, 209



Achromatopsia
129, 129, 129



Achromatomaly
175, 100, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 50, 209 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, 50, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 50, 209)  
}
```

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, 50, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 50, 209) }
```

Border

The CSS property to change the border of an element to RGB 255, 50, 209 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, 50, 209) }
```

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

```
.border{ border-color:rgb(255, 50, 209) }
```

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

Here you see how a box with a 4 pixel rgb(255, 50, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 50, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 50, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 50,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 255, 50, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 50, 209) }
```

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

```
.background{ background-color: rgb(255, 50,  
209) }
```

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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