

Converting Colors

RGB(255, 75, 242)

Have a look what the booklet for
RGB(255, 75, 242) contains.

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Color

RGB(255, 75, 242)

Conversions

Conversions Part 1

Format	Color
Hex	FF4BF2
RGB	255, 75, 242
RGB Percent	100%, 29%, 95%
CMY	0.0000, 0.7059, 0.0510
CMYK	0.00, 0.71, 0.05, 0.00
HSL	304°, 100%, 65%
HSV	304°, 71%, 100%
XYZ	59.7831, 32.7030, 87.1658
YIQ	147.8580, 53.6730, 90.0970

Conversions

Conversions Part 2

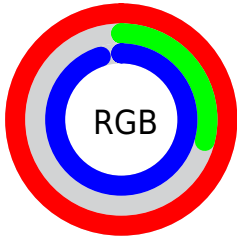
Format	Color
R _{YB}	255, 75, 242
Decimal	16731122
CIE _{Lab}	63.92, 83.92, -47.91
CIE _{LCh}	64, 96.634, 330.276
Yxy	32.7030, 0.3328, 0.1820
Android (android.graphics.Color)	4294921202 (0xFFFF4BF2)
YUV	147.8580, 46.4120, 93.9635
Hunter-Lab	57.1865, 86.5285, -50.3415

Details

The RGB color **255, 75, 242** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **75, 255, 88**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **255, 138, 255**, and **194, 0, 185** is the 20% darker color. If you saturate the color by 10%, you get **255, 50, 240**, and if you desaturate by 10%, it is **255, 101, 244**.

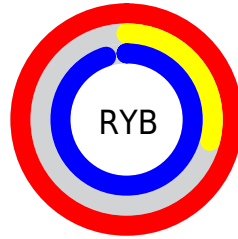
Distribution



Red (100%)

Green (29%)

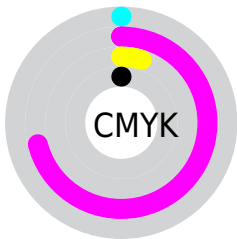
Blue (95%)



Red (100%)

Yellow (29%)

Blue (95%)

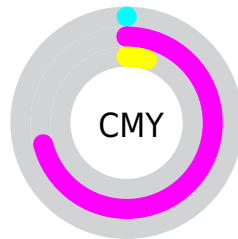


Cyan (0%)

Magenta (71%)

Yellow (5%)

Black (0%)



Cyan (0%)
















Magenta (71%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 75, 242 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, 75, 242 by changing the saturation by 10% instead.

 255, 75, 242	 255, 75, 242
255, 255, 255	 224, 34, 213
 255, 138, 255	 194, 0, 185
 255, 168, 255	 164, 0, 158
 255, 199, 255	 135, 0, 131
 255, 229, 255	 106, 0, 105
	 78, 0, 81
	 50, 0, 57
	 13, 0, 34
	 0, 0, 7

■ 255, 75, 242

■ 255, 75, 242

■ 255, 50, 240

■ 255, 101, 244

■ 255, 24, 238

■ 255, 126, 246

■ 255, 0, 237

■ 255, 152, 248

■ 255, 177, 249

■ 255, 203, 251

■ 255, 228, 253

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.



140, 131, 255



255, 75, 242



255, 0, 158

Triad

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



255, 75, 242



187, 152, 0



0, 191, 240

Complementary

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



255, 75, 242



75, 255, 88

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, 190, 153



255, 75, 242



99, 174, 0

Square

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



255, 75, 242



252, 114, 0



0, 185, 60



0, 185, 255

Rectangle

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



255, 75, 242



255, 30, 101



0, 185, 60



0, 191, 213

Sweetspot

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



255, 75, 242



255, 201, 251



87, 75, 255



128, 96, 125



0, 0, 0



128, 128, 128

Same Dimension

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



255, 75, 242



255, 38, 239



255, 75, 153



128, 115, 127



191, 0, 177



64, 0, 59

Inverse Universe

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



255, 75, 242



255, 38, 239



75, 255, 177



128, 115, 127



191, 0, 177



64, 0, 59

Previews

White Background



This preview shows how the RGB color 255, 75, 242 looks on a white background.

Color Contrast Check

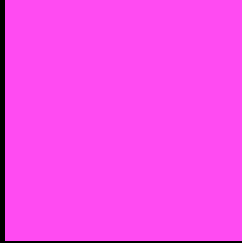
Large Text (above 18pt) WCAG AA × Fail

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, 75, 242 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, 75, 242 Background



This preview shows how black text looks on a background with the RGB color 255, 75, 242.

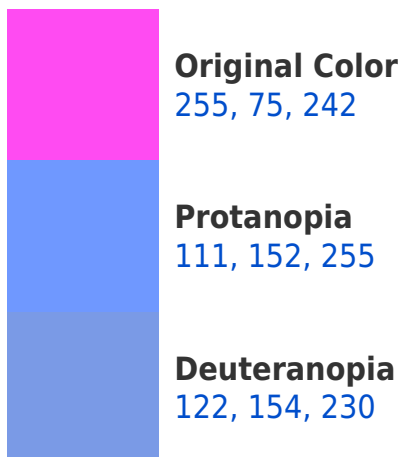


This preview shows how white text looks on a background with the RGB color 255, 75, 242.

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, 114, 122

Trichromacy



Original Color
255, 75, 242



Protanomaly
163, 124, 250



Deuteranomaly
170, 125, 234



Tritanomaly
247, 100, 166

Monochromacy



Original Color
255, 75, 242



Achromatopsia
148, 148, 148



Achromatomaly
187, 121, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 75, 242 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, 75, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 242)  
}
```

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, 75, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 242) }
```

Border

The CSS property to change the border of an element to RGB 255, 75, 242 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, 75, 242) }
```

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

```
.border{ border-color:rgb(255, 75, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 75, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 255, 75, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 242) }
```

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

```
.background{ background-color: rgb(255, 75,  
242) }
```

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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