

Converting Colors

RGB(255, 52, 224)

Have a look what the booklet for
RGB(255, 52, 224) contains.

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Color

RGB(255, 52, 224)

Conversions

Conversions Part 1

Format	Color
Hex	FF34E0
RGB	255, 52, 224
RGB Percent	100%, 20%, 88%
CMY	0.0000, 0.7961, 0.1216
CMYK	0.00, 0.80, 0.12, 0.00
HSL	309°, 100%, 60%
HSV	309°, 80%, 100%
XYZ	55.9225, 29.0978, 73.1900
YIQ	132.3050, 65.7760, 96.5280

Conversions

Conversions Part 2

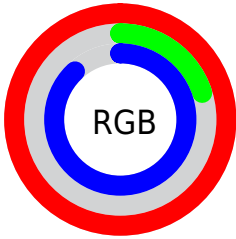
Format	Color
R _Y B	255, 52, 224
Decimal	16725216
CIE Lab	60.87, 87.65, -42.67
CIE LCh	61, 97.480, 334.043
Yxy	29.0978, 0.3535, 0.1839
Android (android.graphics.Color)	4294915296 (0xFFFF34E0)
YUV	132.3050, 45.2056, 107.6035
Hunter-Lab	53.9424, 90.6534, -42.6861

Details

The RGB color **255, 52, 224** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **52, 255, 83**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **255, 122, 255**, and **194, 0, 168** is the 20% darker color. If you saturate the color by 10%, you get **255, 26, 220**, and if you desaturate by 10%, it is **255, 78, 228**.

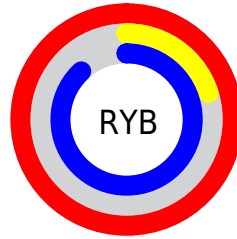
Distribution



Red (100%)

Green (20%)

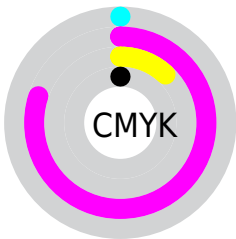
Blue (88%)



Red (100%)

Yellow (20%)

Blue (88%)

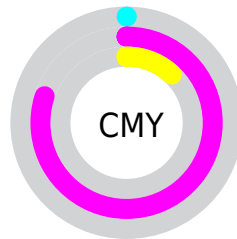


Cyan (0%)

Magenta (80%)

Yellow (12%)

Black (0%)



Cyan (0%)


















Magenta (80%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 52, 224 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, 52, 224 by changing the saturation by 10% instead.

 255, 52, 224	 255, 52, 224
 255, 255, 255	 224, 0, 196
 255, 122, 255	 194, 0, 168
 255, 153, 255	 164, 0, 141
 255, 184, 255	 134, 0, 115
 255, 214, 255	 105, 0, 90
 255, 245, 255	 77, 0, 66
	 47, 0, 43
	 2, 0, 20
	 0, 0, 0


 255, 52, 224

 255, 52, 224


 255, 26, 220

 255, 78, 228

 255, 1, 216

 255, 103, 232

 255, 0, 216

 255, 129, 236

 255, 154, 240

 255, 179, 243

 255, 205, 247

 255, 231, 251

255, 255, 255

Harmonies

Analogous

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



151, 117, 255



255, 52, 224



255, 0, 139

Triad

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



255, 52, 224



168, 148, 0



0, 182, 242

Complementary

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



255, 52, 224



52, 255, 83

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, 157



255, 52, 224



72, 168, 0

Square

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



255, 52, 224



236, 112, 0



0, 178, 64



0, 175, 255

Rectangle

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



255, 52, 224



255, 10, 83



0, 178, 64



0, 182, 215

Sweetspot

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



255, 52, 224



255, 194, 246



82, 52, 255



128, 91, 122



0, 0, 0



128, 128, 128

Same Dimension

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



255, 52, 224



255, 10, 218



255, 52, 123



128, 115, 126



191, 0, 162



64, 0, 54

Inverse Universe

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



255, 52, 224



255, 10, 218



52, 255, 184



128, 115, 126



191, 0, 162



64, 0, 54

Previews

White Background



This preview shows how the RGB color 255, 52, 224 looks on a white background.

Color Contrast Check

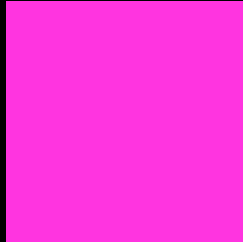
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52, 224 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, 52, 224 Background



This preview shows how black text looks on a background with the RGB color 255, 52, 224.

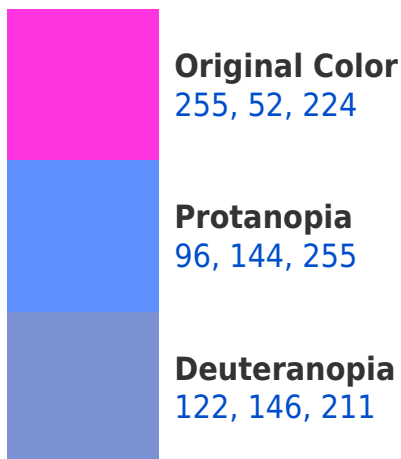


This preview shows how white text looks on a background with the RGB color 255, 52, 224.

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
244, 98, 104

Trichromacy



Original Color
255, 52, 224



Protanomaly
154, 111, 244



Deuteranomaly
170, 112, 216



Tritanomaly
248, 81, 148

Monochromacy



Original Color
255, 52, 224



Achromatopsia
132, 132, 132



Achromatomaly
177, 103, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 52, 224 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, 52, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 52, 224)  
}
```

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, 52, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 52, 224) }
```

Border

The CSS property to change the border of an element to RGB 255, 52, 224 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, 52, 224) }
```

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

```
.border{ border-color:rgb(255, 52, 224) }
```

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

Here you see how a box with a 4 pixel rgb(255, 52, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 52, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 52, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 52,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 255, 52, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 52, 224) }
```

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

```
.background{ background-color: rgb(255, 52,  
224) }
```

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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