

Converting Colors

RGB(255, 44, 174)

Have a look what the booklet for
RGB(255, 44, 174) contains.

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Color

RGB(255, 44, 174)

Conversions

Conversions Part 1

Format	Color
Hex	FF2CAE
RGB	255, 44, 174
RGB Percent	100%, 17%, 68%
CMY	0.0000, 0.8275, 0.3176
CMYK	0.00, 0.83, 0.32, 0.00
HSL	323°, 100%, 59%
HSV	323°, 83%, 100%
XYZ	49.7807, 26.1174, 42.4618
YIQ	121.9090, 84.0260, 85.1620

Conversions

Conversions Part 2

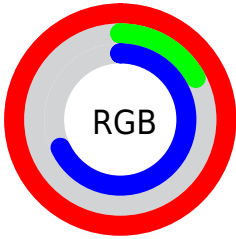
Format	Color
R_{YB}	255, 44, 174
Decimal	16723118
CIE _{Lab}	58.15, 83.43, -18.28
CIE _{LCh}	58, 85.410, 347.643
Yxy	26.1174, 0.4206, 0.2207
Android (android.graphics.Color)	4294913198 (0xFFFF2CAE)
YUV	121.9090, 25.6809, 116.7208
Hunter-Lab	51.1051, 84.4399, -13.4888

Details

The RGB color **255, 44, 174** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **44, 255, 125**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **255, 116, 230**, and **193, 0, 121** is the 20% darker color. If you saturate the color by 10%, you get **255, 19, 164**, and if you desaturate by 10%, it is **255, 70, 184**.

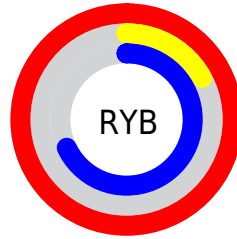
Distribution



Red (100%)

Green (17%)

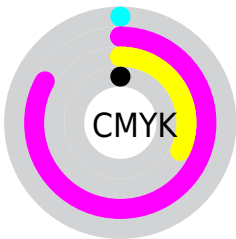
Blue (68%)



Red (100%)

Yellow (17%)

Blue (68%)

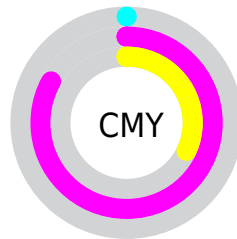


Cyan (0%)

Magenta (83%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (83%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 44, 174 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, 44, 174 by changing the saturation by 10% instead.

 255, 44, 174

 255, 44, 174

255, 255, 255

 224, 0, 147

 255, 116, 230

 193, 0, 121

 255, 147, 255

 162, 0, 97

 255, 177, 255

 132, 0, 73

 255, 207, 255

 102, 0, 50

 255, 238, 255

 74, 0, 29


 44, 0, 1

 0, 0, 0

 255, 44, 174

 255, 44, 174

 255, 19, 164

 255, 70, 184

 255, 0, 157

 255, 95, 194

 255, 121, 203

 255, 146, 213

 255, 172, 223

 255, 197, 233

 255, 223, 243

 255, 248, 252

255, 255, 255

Harmonies

Analogous

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



195, 94, 242



255, 44, 174



255, 40, 100

Triad

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



255, 44, 174



128, 150, 0



0, 169, 250

Complementary

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



255, 44, 174



44, 255, 125

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, 172, 183



255, 44, 174



0, 163, 12

Square

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



255, 44, 174



195, 125, 0



0, 170, 105



0, 158, 255

Rectangle

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



255, 44, 174



255, 72, 51



0, 170, 105



0, 171, 230

Sweetspot

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



255, 44, 174



255, 191, 231



125, 44, 255



128, 89, 113



0, 0, 0



128, 128, 128

Same Dimension

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



255, 44, 174



255, 3, 158



255, 44, 69



128, 115, 123



191, 0, 118



64, 0, 39

Inverse Universe

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



255, 44, 174



255, 3, 158



44, 255, 230



128, 115, 123



191, 0, 118



64, 0, 39

Previews

White Background



This preview shows how the RGB color 255, 44, 174 looks on a white background.

Color Contrast Check

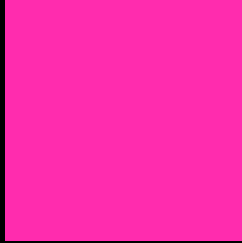
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44, 174 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, 44, 174 Background



This preview shows how black text looks on a background with the RGB color 255, 44, 174.

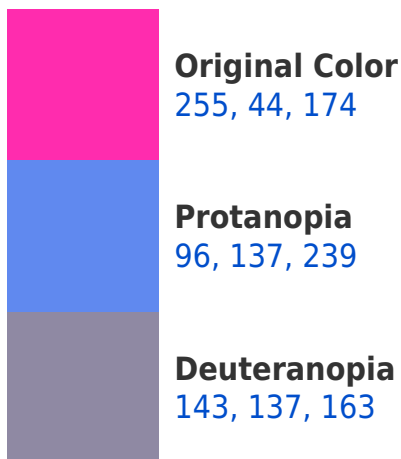



This preview shows how white text looks on a background with the RGB color 255, 44, 174.

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
249, 78, 82

Trichromacy



Original Color

255, 44, 174



Protanomaly

154, 103, 215



Deuteranomaly

184, 103, 167



Tritanomaly

251, 66, 115

Monochromacy



Original Color

255, 44, 174



Achromatopsia

122, 122, 122



Achromatomaly

170, 94, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 44, 174 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, 44, 174) looks like.

```
.text, #text, p{  
    color:rgb(255, 44, 174)  
}
```

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, 44, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 44, 174) }
```

Border

The CSS property to change the border of an element to RGB 255, 44, 174 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, 44, 174) }
```

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

```
.border{ border-color:rgb(255, 44, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 44, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 44, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 44, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 44,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 255, 44, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 44, 174) }
```

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

```
.background{ background-color: rgb(255, 44,  
174) }
```

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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