

Converting Colors

RGB(255, 46, 192)

Have a look what the booklet for
RGB(255, 46, 192) contains.

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Color

RGB(255, 46, 192)

Conversions

Conversions Part 1

Format	Color
Hex	FF2EC0
RGB	255, 46, 192
RGB Percent	100%, 18%, 75%
CMY	0.0000, 0.8196, 0.2471
CMYK	0.00, 0.82, 0.25, 0.00
HSL	318°, 100%, 59%
HSV	318°, 82%, 100%
XYZ	51.7314, 27.0198, 52.3580
YIQ	125.1350, 77.6980, 89.7140

Conversions

Conversions Part 2

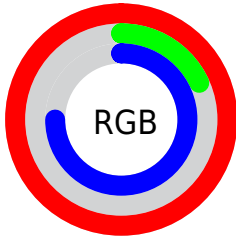
Format	Color
R_{YB}	255, 46, 192
Decimal	16723648
CIE _{Lab}	58.99, 84.99, -27.39
CIE _{LCh}	59, 89.294, 342.137
Yxy	27.0198, 0.3946, 0.2061
Android (android.graphics.Color)	4294913728 (0xFFFF2EC0)
YUV	125.1350, 32.9644, 113.8916
Hunter-Lab	51.9805, 86.6786, -23.3341

Details

The RGB color **255, 46, 192** 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 **46, 255, 109**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **255, 117, 249**, and **193, 0, 138** is the 20% darker color. If you saturate the color by 10%, you get **255, 21, 184**, and if you desaturate by 10%, it is **255, 72, 200**.

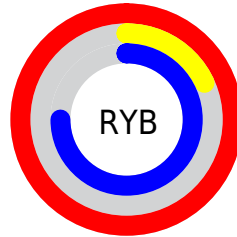
Distribution



Red (100%)

Green (18%)

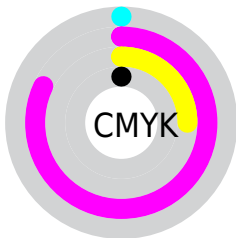
Blue (75%)



Red (100%)

Yellow (18%)

Blue (75%)

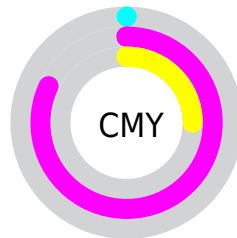


Cyan (0%)

Magenta (82%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 46, 192 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, 46, 192 by changing the saturation by 10% instead.



255, 46, 192



255, 46, 192

255, 255, 255



224, 0, 165



255, 117, 249



193, 0, 138



255, 148, 255



163, 0, 113



255, 179, 255



133, 0, 88



255, 209, 255



104, 0, 64



255, 240, 255



76, 0, 42



46, 0, 19




0, 0, 0




255, 46, 192



255, 46, 192


 255, 21, 184

 255, 72, 200


 255, 0, 178

 255, 97, 207

 255, 123, 215

 255, 148, 223

 255, 174, 230

 255, 199, 238

 255, 225, 246

 255, 250, 253

255, 255, 255

Harmonies

Analogous

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



181, 103, 255



255, 46, 192



255, 15, 114

Triad

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



255, 46, 192



143, 149, 0



0, 173, 247

Complementary

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



255, 46, 192



46, 255, 109

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, 175, 173



255, 46, 192



36, 164, 0

Square

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



255, 46, 192



209, 121, 0



0, 172, 90



0, 164, 255

Rectangle

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



255, 46, 192



255, 58, 64



0, 172, 90



0, 175, 224

Sweetspot

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



255, 46, 192



255, 191, 236



109, 46, 255



128, 89, 116



0, 0, 0



128, 128, 128

Same Dimension

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



255, 46, 192



255, 5, 180



255, 46, 88



128, 115, 124



191, 0, 134



64, 0, 45

Inverse Universe

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



255, 46, 192



255, 5, 180



46, 255, 213



128, 115, 124



191, 0, 134



64, 0, 45

Previews

White Background



This preview shows how the RGB color 255, 46, 192 looks on a white background.

Color Contrast Check

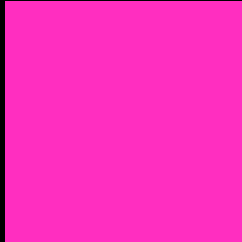
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46, 192 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, 46, 192 Background



This preview shows how black text looks on a background with the RGB color 255, 46, 192.

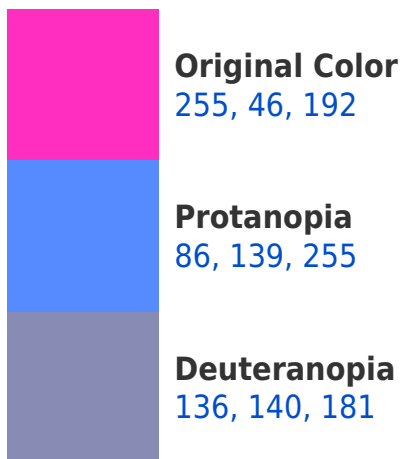


This preview shows how white text looks on a background with the RGB color 255, 46, 192.

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
247, 85, 90

Trichromacy



Original Color

255, 46, 192



Protanomaly

147, 105, 232



Deuteranomaly

179, 106, 185



Tritanomaly

250, 71, 127

Monochromacy



Original Color

255, 46, 192



Achromatopsia

125, 125, 125



Achromatomaly

172, 96, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 46, 192 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, 46, 192) looks like.

```
.text, #text, p{  
    color:rgb(255, 46, 192)  
}
```

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, 46, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 192) }
```

Border

The CSS property to change the border of an element to RGB 255, 46, 192 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, 46, 192) }
```

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

```
.border{ border-color:rgb(255, 46, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 46, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 46,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 255, 46, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 192) }
```

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

```
.background{ background-color: rgb(255, 46,  
192) }
```

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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