

Converting Colors

RGB(252, 54, 201)

Have a look what the booklet for
RGB(252, 54, 201) contains.

RGB(252, 54, 201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(252, 54, 201)

Conversions

Conversions Part 1

Format	Color
Hex	FC36C9
RGB	252, 54, 201
RGB Percent	99%, 21%, 79%
CMY	0.0118, 0.7882, 0.2118
CMYK	0.00, 0.79, 0.20, 0.01
HSL	315°, 97%, 60%
HSV	315°, 79%, 99%
XYZ	52.0067, 27.5508, 57.8351
YIQ	129.9600, 70.8210, 87.6930

Conversions

Conversions Part 2

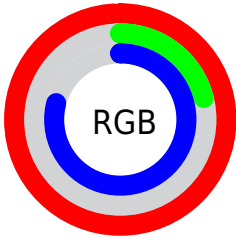
Format	Color
R _Y B	252, 54, 201
Decimal	16529097
CIE Lab	59.48, 83.61, -31.83
CIE LCh	59, 89.463, 339.156
Yxy	27.5508, 0.3785, 0.2005
Android (android.graphics.Color)	4294719177 (0xFFFC36C9)
YUV	129.9600, 35.0227, 107.0291
Hunter-Lab	52.4889, 85.0046, -28.5868

Details

The RGB color **252, 54, 201** 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 **54, 252, 105**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **255, 122, 255**, and **191, 0, 147** is the 20% darker color. If you saturate the color by 10%, you get **252, 29, 195**, and if you desaturate by 10%, it is **252, 79, 207**.

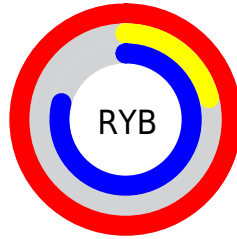
Distribution



Red (99%)

Green (21%)

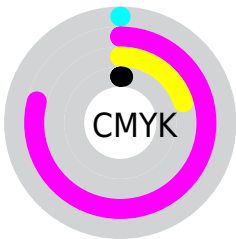
Blue (79%)



Red (99%)

Yellow (21%)

Blue (79%)

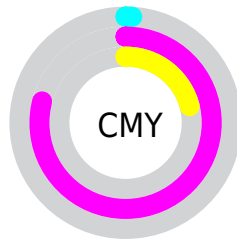


Cyan (0%)

Magenta (79%)

Yellow (20%)

Black (1%)



Cyan (1%)

Magenta (79%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 252, 54, 201 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 252, 54, 201 by changing the saturation by 10% instead.


 252, 54, 201

 252, 54, 201

255, 255, 255

 221, 0, 173

 255, 122, 255

 191, 0, 147

 255, 153, 255

 161, 0, 121

 255, 183, 255

 131, 0, 95

 255, 213, 255

 102, 0, 71

 255, 244, 255

 75, 0, 49

 44, 0, 27

 0, 0, 0

 252, 54, 201

 252, 54, 201

■ 252, 29, 195

■ 252, 79, 207

■ 252, 4, 188

■ 252, 104, 214

■ 252, 0, 187

■ 252, 130, 220

■ 252, 155, 227

■ 252, 180, 233

■ 252, 205, 240

■ 252, 230, 246

■ 252, 255, 253

■ 252, 255, 255

Harmonies

Analogous

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



171, 109, 255



252, 54, 201



255, 13, 123

Triad

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



252, 54, 201



152, 148, 0



0, 175, 242

Complementary

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



252, 54, 201



54, 252, 105

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, 176, 166



252, 54, 201



56, 165, 0

Square

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



252, 54, 201



217, 118, 0



0, 173, 83



0, 167, 255

Rectangle

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



252, 54, 201



255, 54, 72



0, 173, 83



0, 176, 218

Sweetspot

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



252, 54, 201



255, 194, 239



104, 54, 252



128, 91, 118



0, 0, 0



128, 128, 128

Same Dimension

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



252, 54, 201



255, 15, 193



252, 54, 104



125, 112, 122



189, 0, 140



61, 0, 45

Inverse Universe

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



252, 54, 201



255, 15, 193



54, 252, 203



125, 112, 122



189, 0, 140



61, 0, 45

Previews

White Background



This preview shows how the RGB color 252, 54, 201 looks on a white background.

Color Contrast Check

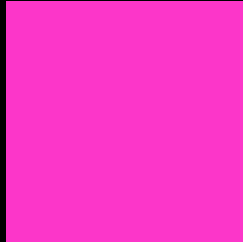
Large Text (above 18pt) WCAG AA ✓ Pass

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 252, 54, 201 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 252, 54, 201 Background



This preview shows how black text looks on a background with the RGB color 252, 54, 201.

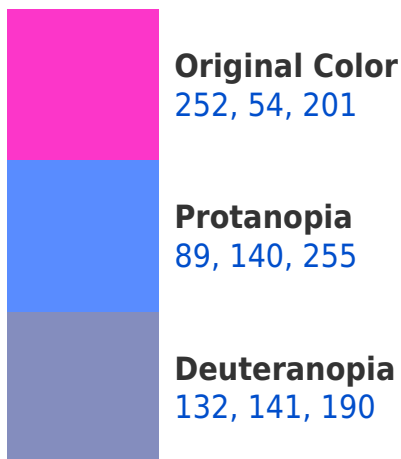


This preview shows how white text looks on a background with the RGB color 252, 54, 201.

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
243, 91, 97

Trichromacy



Original Color
252, 54, 201



Protanomaly
148, 109, 235



Deuteranomaly
176, 109, 194



Tritanomaly
246, 78, 135

Monochromacy



Original Color
252, 54, 201



Achromatopsia
130, 130, 130



Achromatomaly
174, 102, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 252, 54, 201 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(252, 54, 201) looks like.

```
.text, #text, p{  
    color:rgb(252, 54, 201)  
}
```

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(252, 54, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 54, 201) }
```

Border

The CSS property to change the border of an element to RGB 252, 54, 201 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(252, 54, 201) }
```

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

```
.border{ border-color:rgb(252, 54, 201) }
```

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

Here you see how a box with a 4 pixel rgb(252, 54, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 54, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 54, 201);  
box-shadow:4px 4px 4px 4px rgb(252, 54,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 252, 54, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 54, 201) }
```

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

```
.background{ background-color: rgb(252, 54,  
201) }
```

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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