

Converting Colors

RGB(253, 58, 172)

Have a look what the booklet for
RGB(253, 58, 172) contains.

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Color

RGB(253, 58, 172)

Conversions

Conversions Part 1

Format	Color
Hex	FD3AAC
RGB	253, 58, 172
RGB Percent	99%, 23%, 67%
CMY	0.0078, 0.7725, 0.3255
CMYK	0.00, 0.77, 0.32, 0.01
HSL	325°, 98%, 61%
HSV	325°, 77%, 99%
XYZ	49.4675, 26.8873, 41.6123
YIQ	129.3010, 79.6260, 76.7940

Conversions

Conversions Part 2

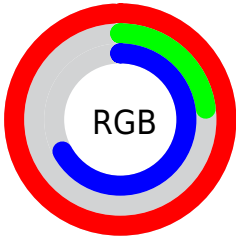
Format	Color
RYB	253, 58, 172
Decimal	16595628
CIELab	58.87, 79.47, -16.05
CIELCh	59, 81.079, 348.581
Yxy	26.8873, 0.4193, 0.2279
Android (android.graphics.Color)	4294785708 (0xFFFD3AAC)
YUV	129.3010, 21.0506, 108.4840
Hunter-Lab	51.8530, 79.5453, -11.2834

Details

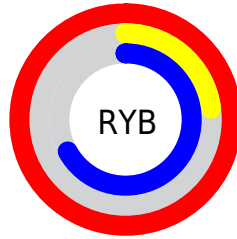
The RGB color **253, 58, 172** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **58, 253, 139**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **255, 124, 227**, and **191, 0, 120** is the 20% darker color. If you saturate the color by 10%, you get **253, 33, 161**, and if you desaturate by 10%, it is **253, 83, 183**.

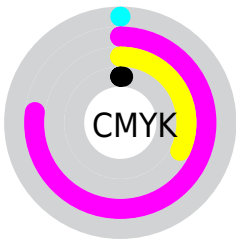
Distribution



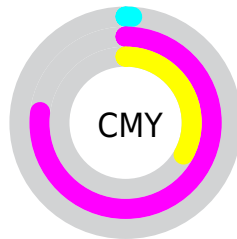
- Red (99%)
- Green (23%)
- Blue (67%)



- Red (99%)
- Yellow (23%)
- Blue (67%)



- Cyan (0%)
- Magenta (77%)
- Yellow (32%)
- Black (1%)



- Cyan (1%)
- Magenta (77%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 58, 172 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 253, 58, 172 by changing the saturation by 10% instead.



253, 58, 172



253, 58, 172

255, 255, 255



222, 0, 145



255, 124, 227



191, 0, 120



255, 154, 255



161, 0, 95



255, 184, 255



131, 0, 71



255, 214, 255



101, 0, 49



255, 245, 255



74, 0, 28



44, 0, 1



0, 0, 0



253, 58, 172



253, 58, 172

■ 253, 33, 161

■ 253, 83, 183

■ 253, 7, 151

■ 253, 109, 193

■ 253, 0, 148

■ 253, 134, 204

■ 253, 159, 214

■ 253, 185, 225

■ 253, 210, 235

■ 253, 235, 246

253, 255, 255

Harmonies

Analogous

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



198, 98, 237



253, 58, 172



255, 57, 101

Triad

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



253, 58, 172



130, 152, 0



0, 170, 248

Complementary

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



253, 58, 172



58, 253, 139

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, 173, 185



253, 58, 172



1, 165, 32

Square

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



253, 58, 172



194, 129, 0



0, 171, 111



0, 158, 255

Rectangle

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



253, 58, 172



252, 81, 56



0, 171, 111



0, 171, 229

Sweetspot

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



253, 58, 172



255, 196, 231



136, 58, 253



128, 92, 113



0, 0, 0



128, 128, 128

Same Dimension

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



253, 58, 172



255, 20, 158



253, 58, 78



128, 115, 122



191, 0, 112



64, 0, 37

Inverse Universe

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



253, 58, 172



255, 20, 158



58, 253, 234



128, 115, 122



191, 0, 112



64, 0, 37

Previews

White Background



This preview shows how the RGB color 253, 58, 172 looks on a white background.

Color Contrast Check

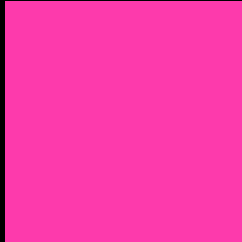
Large Text (above 18pt) WCAG AA ✓ Pass

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 253, 58, 172 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 253, 58, 172 Background



This preview shows how black text looks on a background with the RGB color 253, 58, 172.

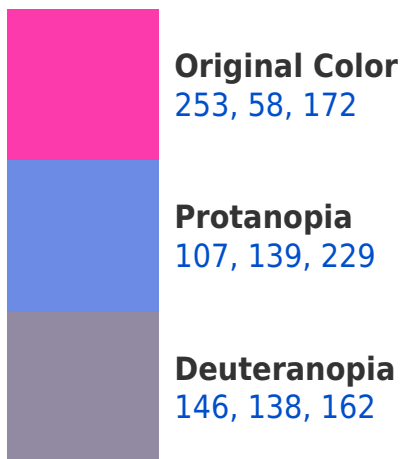


This preview shows how white text looks on a background with the RGB color 253, 58, 172.

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, 84, 89

Trichromacy



Original Color

253, 58, 172



Protanomaly

160, 110, 208



Deuteranomaly

185, 109, 166



Tritanomaly

249, 75, 119

Monochromacy



Original Color

253, 58, 172



Achromatopsia

129, 129, 129



Achromatomaly

174, 103, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 58, 172 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(253, 58, 172)` looks like.

```
.text, #text, p{  
    color:rgb(253, 58, 172)  
}
```

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(253, 58, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 58, 172) }
```

Border

The CSS property to change the border of an element to RGB 253, 58, 172 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(253, 58, 172) }
```

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

```
.border{ border-color:rgb(253, 58, 172) }
```

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

Here you see how a box with a 4 pixel rgb(253, 58, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 58, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 58, 172);  
box-shadow:4px 4px 4px 4px rgb(253, 58,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 253, 58, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 58, 172) }
```

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

```
.background{ background-color: rgb(253, 58,  
172) }
```

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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