

Converting Colors

RGB(253, 69, 228)

Have a look what the booklet for
RGB(253, 69, 228) contains.

RGB(253, 69, 228)	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(253, 69, 228)

Conversions

Conversions Part 1

Format	Color
Hex	FD45E4
RGB	253, 69, 228
RGB Percent	99%, 27%, 89%
CMY	0.0078, 0.7294, 0.1059
CMYK	0.00, 0.73, 0.10, 0.01
HSL	308°, 98%, 63%
HSV	308°, 73%, 99%
XYZ	56.6397, 30.7403, 76.3470
YIQ	142.1420, 58.6250, 88.4570

Conversions

Conversions Part 2

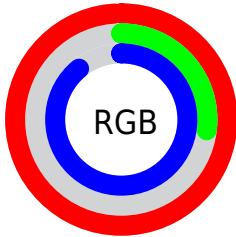
Format	Color
R _Y B	253, 69, 228
Decimal	16598500
CIE _{Lab}	62.29, 83.31, -42.70
CIE _{LCh}	62, 93.615, 332.862
Yxy	30.7403, 0.3459, 0.1878
Android (android.graphics.Color)	4294788580 (0xFFFD45E4)
YUV	142.1420, 42.3280, 97.2225
Hunter-Lab	55.4440, 85.3228, -42.8323

Details

The RGB color **253, 69, 228** 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 **69, 253, 94**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **255, 133, 255**, and **192, 0, 172** is the 20% darker color. If you saturate the color by 10%, you get **253, 44, 225**, and if you desaturate by 10%, it is **253, 94, 231**.

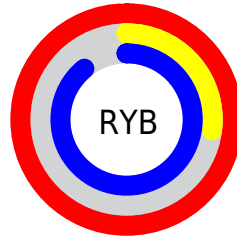
Distribution



Red (99%)

Green (27%)

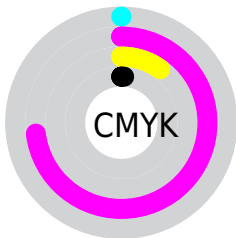
Blue (89%)



Red (99%)

Yellow (27%)

Blue (89%)

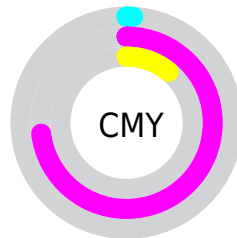


Cyan (0%)

Magenta (73%)

Yellow (10%)

Black (1%)



Cyan (1%)

Magenta (73%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 69, 228 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, 69, 228 by changing the saturation by 10% instead.



253, 69, 228



253, 69, 228

255, 255, 255



222, 24, 200



255, 133, 255



192, 0, 172



255, 163, 255



162, 0, 145



255, 193, 255



133, 0, 119



255, 224, 255



104, 0, 94

255, 254, 255



77, 0, 69



48, 0, 46



4, 0, 24



0, 0, 0

■ 253, 69, 228

■ 253, 69, 228

■ 253, 44, 225

■ 253, 94, 231

■ 253, 18, 221

■ 253, 120, 235

■ 253, 0, 219

■ 253, 145, 238

■ 253, 170, 242

■ 253, 196, 245

■ 253, 221, 249

■ 253, 246, 252

253, 255, 255

Harmonies

Analogous

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



151, 124, 255



253, 69, 228



255, 0, 146

Triad

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



253, 69, 228



175, 150, 0



0, 185, 239

Complementary

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



253, 69, 228



69, 253, 94

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, 185, 157



253, 69, 228



87, 170, 0

Square

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



253, 69, 228



240, 115, 0



0, 181, 68



0, 178, 255

Rectangle

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



253, 69, 228



255, 40, 92



0, 181, 68



0, 186, 213

Sweetspot

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



253, 69, 228



255, 199, 247



94, 69, 253



128, 94, 123



0, 0, 0



128, 128, 128

Same Dimension

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



253, 69, 228



255, 33, 225



253, 69, 136



128, 115, 126



191, 0, 165



64, 0, 55

Inverse Universe

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



253, 69, 228



255, 33, 225



69, 253, 186



128, 115, 126



191, 0, 165



64, 0, 55

Previews

White Background



This preview shows how the RGB color 253, 69, 228 looks on a white background.

Color Contrast Check

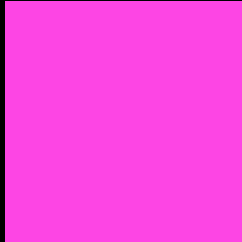
Large Text (above 18pt) WCAG AA × Fail

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, 69, 228 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 253, 69, 228 Background



This preview shows how black text looks on a background with the RGB color 253, 69, 228.



This preview shows how white text looks on a background with the RGB color 253, 69, 228.

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



Original Color
253, 69, 228

Protanopia
104, 148, 255

Deuteranopia
125, 149, 216



Tritanopia
242, 107, 114

Trichromacy



Original Color
253, 69, 228



Protanomaly
158, 119, 245



Deuteranomaly
172, 120, 220



Tritanomaly
246, 93, 155

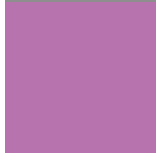
Monochromacy



Original Color
253, 69, 228



Achromatopsia
142, 142, 142



Achromatomaly
182, 115, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 69, 228 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, 69, 228)` looks like.

```
.text, #text, p{  
    color:rgb(253, 69, 228)  
}
```

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, 69, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 69, 228) }
```

Border

The CSS property to change the border of an element to RGB 253, 69, 228 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, 69, 228) }
```

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

```
.border{ border-color:rgb(253, 69, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 69, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 69, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 69, 228);  
box-shadow:4px 4px 4px 4px rgb(253, 69,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 253, 69, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 69, 228) }
```

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

```
.background{ background-color: rgb(253, 69,  
228) }
```

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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