

Converting Colors

RGB(253, 74, 253)

Have a look what the booklet for
RGB(253, 74, 253) contains.

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Color

RGB(253, 74, 253)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FD4AFD |
| RGB | 253, 74, 253 |
| RGB Percent | 99%, 29%, 99% |
| CMY | 0.0078, 0.7098, 0.0078 |
| CMYK | 0.00, 0.71, 0.00, 0.01 |
| HSL | 300°, 98%, 64% |
| HSV | 300°, 71%, 99% |
| XYZ | 60.6864, 32.8721, 96.0749 |
| YIQ | 147.9270, 49.2250, 93.6170 |

Conversions

Conversions Part 2

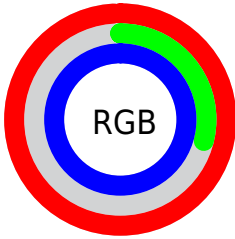
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 253, 74, 253 |
| Decimal | 16599805 |
| CIE _{Lab} | 64.06, 85.47, -53.80 |
| CIE _{LCh} | 64, 100.995, 327.813 |
| Yxy | 32.8721, 0.3200, 0.1733 |
| Android (android.graphics.Color) | 4294789885 (0xFFFD4AFD) |
| YUV | 147.9270, 51.8010, 92.1490 |
| Hunter-Lab | 57.3342, 88.6019, -59.2184 |

Details

The RGB color **253, 74, 253** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **74, 253, 74**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **255, 138, 255**, and **192, 0, 196** is the 20% darker color. If you saturate the color by 10%, you get **253, 49, 253**, and if you desaturate by 10%, it is **253, 99, 253**.

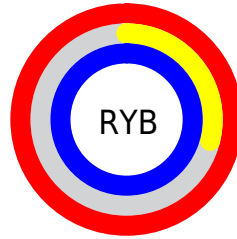
Distribution



Red (99%)

Green (29%)

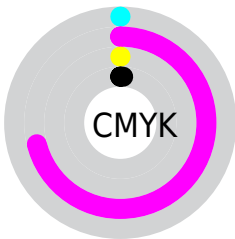
Blue (99%)



Red (99%)

Yellow (29%)

Blue (99%)

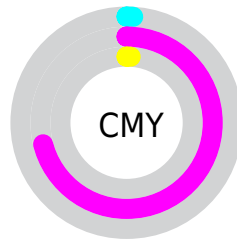


Cyan (0%)

Magenta (71%)

Yellow (0%)

Black (1%)



Cyan (1%)

Magenta (71%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 74, 253 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, 74, 253 by changing the saturation by 10% instead.



253, 74, 253



253, 74, 253

255, 255, 255



222, 32, 224



255, 138, 255



192, 0, 196



255, 168, 255



162, 0, 168



255, 198, 255



133, 0, 141



255, 228, 255



104, 0, 115



76, 0, 89




47, 0, 65




9, 0, 42




0, 1, 19

 253, 74, 253

 253, 74, 253


 253, 49, 253


 253, 99, 253

 253, 23, 253

 253, 125, 253

 253, 0, 253

 253, 150, 253

 253, 175, 253

 253, 201, 253

 253, 226, 253

 253, 251, 253

 253, 255, 253

Harmonies

Analogous

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



119, 134, 255



253, 74, 253



255, 0, 166

Triad

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



253, 74, 253



194, 150, 0



0, 192, 238

Complementary

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



253, 74, 253



74, 253, 74

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, 191, 146



253, 74, 253



104, 174, 0

Square

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



253, 74, 253



255, 108, 0



0, 186, 45



0, 187, 255

Rectangle

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



253, 74, 253



255, 0, 107



0, 186, 45



0, 193, 208

Sweetspot

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



253, 74, 253



255, 201, 255



74, 74, 253



128, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



253, 74, 253



255, 38, 255



253, 74, 164



128, 115, 128



191, 0, 191



64, 0, 64

Inverse Universe

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



253, 74, 253



255, 38, 255



74, 253, 164



128, 115, 128



191, 0, 191



64, 0, 64

Previews

White Background



This preview shows how the RGB color 253, 74, 253 looks on a white background.

Color Contrast Check

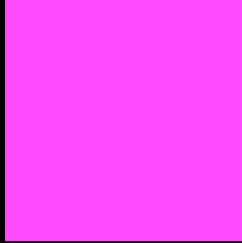
Large Text (above 18pt) WCAG AA × Fail

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, 74, 253 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, 74, 253 Background



This preview shows how black text looks on a background with the RGB color 253, 74, 253.



This preview shows how white text looks on a background with the RGB color 253, 74, 253.

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, 74, 253

Protanopia
112, 152, 255

Deuteranopia
111, 155, 240



Tritanopia
239, 117, 126

Trichromacy



Original Color
253, 74, 253



Protanomaly
163, 124, 254



Deuteranomaly
163, 126, 245



Tritanomaly
244, 101, 172

Monochromacy



Original Color
253, 74, 253



Achromatopsia
148, 148, 148



Achromatomaly
186, 121, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 74, 253 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, 74, 253)` looks like.

```
.text, #text, p{  
    color:rgb(253, 74, 253)  
}
```

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, 74, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 74, 253) }
```

Border

The CSS property to change the border of an element to RGB 253, 74, 253 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, 74, 253) }
```

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

```
.border{ border-color:rgb(253, 74, 253) }
```

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

Here you see how a box with a 4 pixel rgb(253, 74, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 74, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 74, 253);  
box-shadow:4px 4px 4px 4px rgb(253, 74,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 253, 74, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 74, 253) }
```

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

```
.background{ background-color: rgb(253, 74,  
253) }
```

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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