

Converting Colors

Hex(FF53EC)

Have a look what the booklet for
Hex(FF53EC) contains.

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Color

Hex(F53EC)

Conversions

Conversions Part 1

Format	Color
Hex	FF53EC
RGB	255, 83, 236
RGB Percent	100%, 33%, 93%
CMY	0.0000, 0.6745, 0.0745
CMYK	0.00, 0.67, 0.07, 0.00
HSL	307°, 100%, 66%
HSV	307°, 67%, 100%
XYZ	59.4736, 33.5026, 82.6889
YIQ	151.8700, 53.3990, 84.0470

Conversions

Conversions Part 2

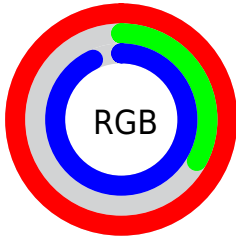
Format	Color
R _Y B	255, 83, 236
Decimal	16733164
CIE Lab	64.57, 80.39, -43.56
CIE LCh	65, 91.438, 331.547
Yxy	33.5026, 0.3386, 0.1907
Android (android.graphics.Color)	4294923244 (0xFFFF53EC)
YUV	151.8700, 41.4761, 90.4450
Hunter-Lab	57.8815, 82.1173, -44.1841

Details

The Hex color **FF53EC** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **53FF66**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FF90FF**, and **C200B4** is the 20% darker color. If you saturate the color by 10%, you get **FF39E9**, and if you desaturate by 10%, it is **FF6CEF**.

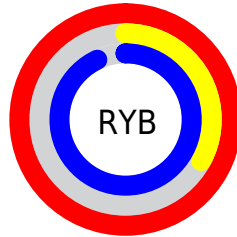
Distribution



Red (100%)

Green (33%)

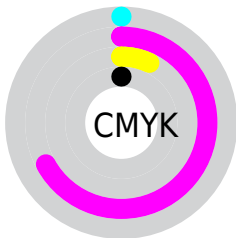
Blue (93%)



Red (100%)

Yellow (33%)

Blue (93%)

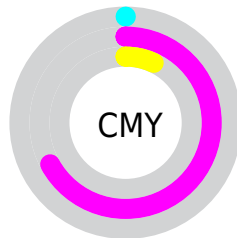


Cyan (0%)

Magenta (67%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (67%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF53EC 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 Hex color FF53EC by changing the saturation by 10% instead.

 FF53EC

 FF53EC

FFFFFF

 E02FCF

 FF90FF

 C200B4

 FFAEFF

 A50098

 FFC0FF

 88007E

 FFEAFF

 6B0064

 4F004C

 330034

 0F001E

 000000

 FF53EC

 FF53EC

 FF39E9

 FF6CEF

 FF20E6

 FF86F2

 FF07E4

 FFA0F4

 FF00E3

 FFB9F7

 FFD3FA

 FFECFD

FFFFFF

Harmonies

Analogous

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



9884FF



FF53EC



FF289C

Triad

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



FF53EC



B99B00



00BFF1

Complementary

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



FF53EC



53FF66

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.



00BF9F



FF53EC



65B000

Square

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



FF53EC



F87900



00BA48



00B8FF

Rectangle

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



FF53EC



FF3866



00BA48



00C0D7

Sweetspot

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



FF53EC



FFCCF9



6453FF



80617C



000000



808080

Same Dimension

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



FF53EC



FF30E8



FF5398



80737E



BF00AA



400039

Inverse Universe

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



FF53EC



FF30E8



53FFBA



80737E



BF00AA



400039

Previews

White Background



This preview shows how the Hex color FF53EC 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



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](#).

Hex FF53EC Background



This preview shows how black text looks on a background with the Hex color FF53EC.

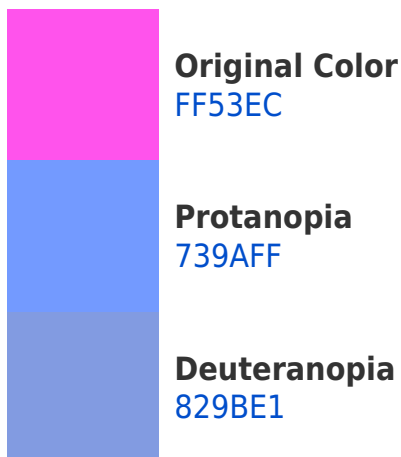


This preview shows how white text looks on a background with the Hex color FF53EC.

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](#).

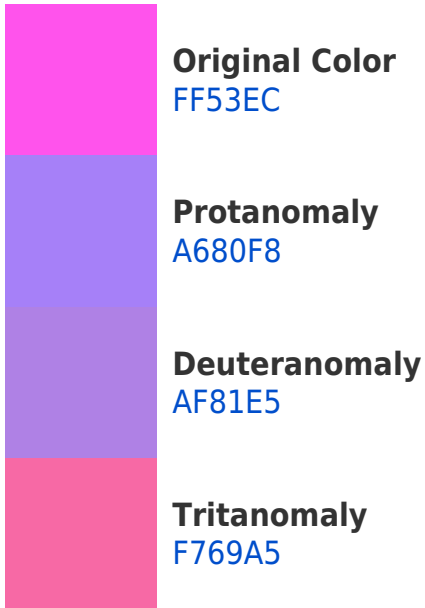
Dichromacy



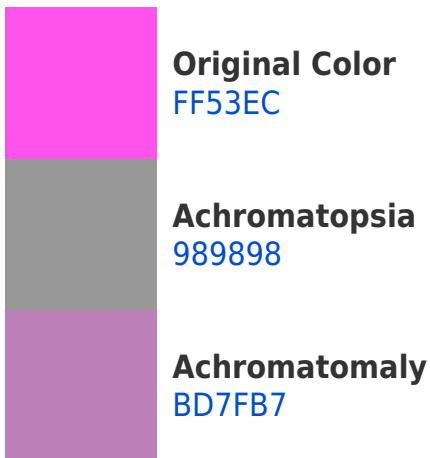


Tritanopia
F3757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF53EC 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 #FF53EC looks like.

```
.text, #text, p{  
    color:#FF53EC  
}
```

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 #FF53EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF53EC
}
```

Border

The CSS property to change the border of an element to Hex FF53EC 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
#FF53EC }
```

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

```
.border{ border-color:#FF53EC }
```

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

Here you see how a box with a 4 pixel #FF53EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF53EC; -webkit-box-shadow:4px 4px  
4px 4px #FF53EC; box-shadow:4px 4px 4px  
4px #FF53EC }
```

Background

The CSS property to change the background color of an element to Hex FF53EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF53EC }
```

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

```
.background{ background-color:#FF53EC }
```

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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