

# Converting Colors

Hex(F53EF5)

Have a look what the booklet for  
Hex(F53EF5) contains.

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**Color**

**Hex(F53EF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F53EF5
RGB	245, 62, 245
RGB Percent	96%, 24%, 96%
CMY	0.0392, 0.7569, 0.0392
CMYK	0.00, 0.75, 0.00, 0.04
HSL	300°, 90%, 60%
HSV	300°, 75%, 96%
XYZ	55.8602, 29.4503, 89.1265
YIQ	137.5790, 50.3250, 95.7090

# Conversions

## Conversions Part 2

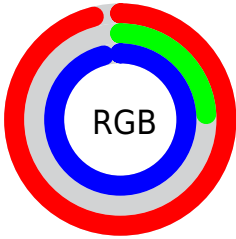
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 62, 245
Decimal	16072437
CIE Lab	61.18, 86.16, -54.02
CIE LCh	61, 101.695, 327.911
Yxy	29.4503, 0.3202, 0.1688
Android (android.graphics.Color)	4294262517 (0xFFFF53EF5)
YUV	137.5790, 52.9586, 94.2082
Hunter-Lab	54.2681, 88.7676, -59.3864

# Details

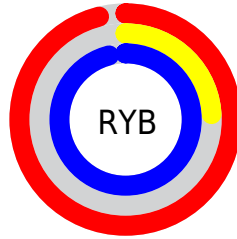
The Hex color **F53EF5** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **3EF53E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF80FF**, and **B800BC** is the 20% darker color. If you saturate the color by 10%, you get **F526F5**, and if you desaturate by 10%, it is **F557F5**.

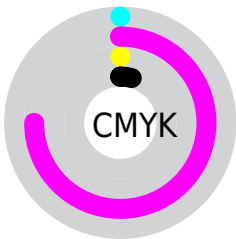
# Distribution



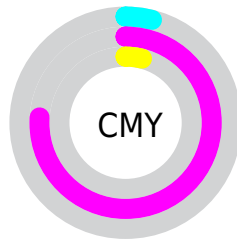
- Red (96%)
- Green (24%)
- Blue (96%)



- Red (96%)
- Yellow (24%)
- Blue (96%)



- Cyan (0%)
- Magenta (75%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (76%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F53EF5 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 F53EF5 by changing the saturation by 10% instead.



 F53EF5

FFFFFF

 FF80FF

 FF9EFF

 FFBCFF

 FFDBFF

 FFF9FF

 F53EF5

 D604D8

 B800BC

 9B00A0

 7D0086

 60006C

 450053

 26003A

 000023

 00000B

 F53EF5

 F53EF5

 F526F5

 F557F5

 F50DF5

 F56FF5

 F500F5

 F588F5

 F5A0F5

 F5B9F5

 F5D1F5

 F5EAF5

 F5FFF5

# Harmonies

## Analogous

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



6C7EFF



F53EF5



FF009E

# Triad

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



F53EF5



B98E00



00B8E6

# Complementary

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



F53EF5



3EF53E

# 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.



00B78B



F53EF5



5EA600

# Square

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



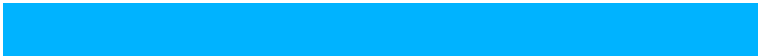
F53EF5



FB6400



00B224



00B3FF

# Rectangle

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



F53EF5



FF0063



00B224



00B8C9



# Sweetspot

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



F53EF5



FFC7FF



3E3EF5



805E80



000000



808080



# Same Dimension

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



F53EF5



FF19FF



F53E9A



7A6E7A



BA00BA



3B003B



# Inverse Universe

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



F53EF5



FF19FF



3EF59A



7A6E7A



BA00BA



3B003B



# Previews

## White Background



This preview shows how the Hex color F53EF5 looks on a white background.

## Color Contrast Check

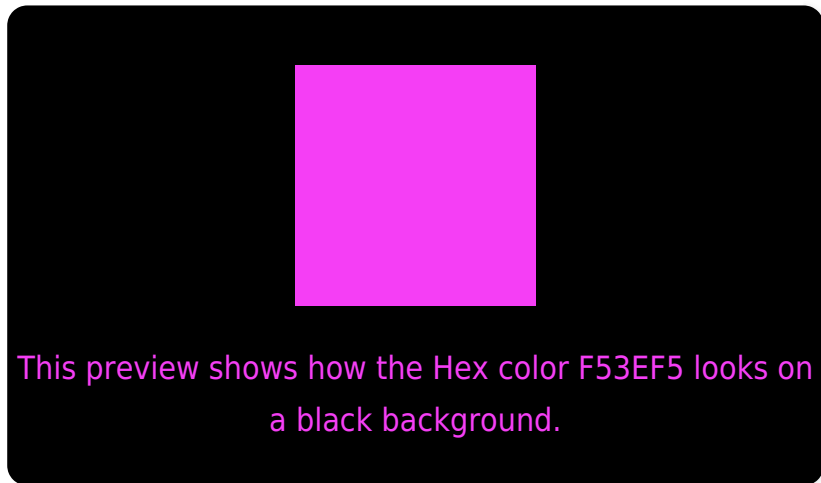
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## 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](#).



## Hex F53EF5 Background



This preview shows how black text looks on a background with the Hex color F53EF5.




This preview shows how white text looks on a background with the Hex color F53EF5.

# 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](#).

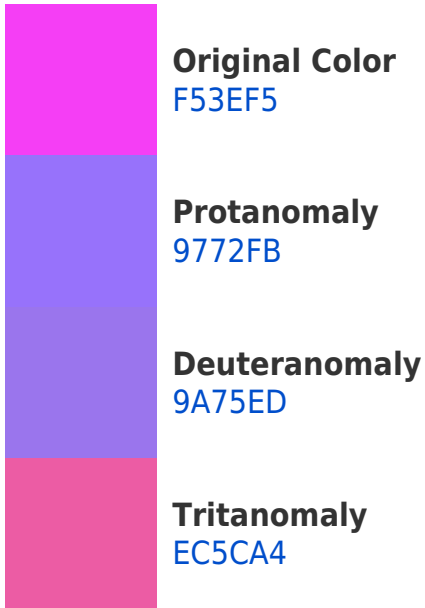
## Dichromacy





**Tritanopia**  
E76D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F53EF5 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 #F53EF5 looks like.

```
.text, #text, p{  
    color:#F53EF5  
}
```

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 #F53EF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F53EF5
}
```

## Border

The CSS property to change the border of an element to Hex F53EF5 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
#F53EF5 }
```

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

```
.border{ border-color:#F53EF5 }
```

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

Here you see how a box with a 4 pixel #F53EF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F53EF5; -webkit-box-shadow:4px 4px  
4px 4px #F53EF5; box-shadow:4px 4px 4px  
4px #F53EF5 }
```

# Background

The CSS property to change the background color of an element to Hex F53EF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F53EF5 }
```

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

```
.background{ background-color:#F53EF5 }
```

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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