

Converting Colors

Hex(F51EF5)

Have a look what the booklet for
Hex(F51EF5) contains.

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Color

Hex(F51EF5)

Conversions

Conversions Part 1

Format	Color
Hex	F51EF5
RGB	245, 30, 245
RGB Percent	96%, 12%, 96%
CMY	0.0392, 0.8824, 0.0392
CMYK	0.00, 0.88, 0.00, 0.04
HSL	300°, 91%, 54%
HSV	300°, 88%, 96%
XYZ	54.6019, 26.9336, 88.7071
YIQ	118.7950, 59.1250, 112.4450

Conversions

Conversions Part 2

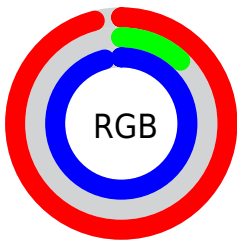
Format	Color
R _Y B	245, 30, 245
Decimal	16064245
CIE Lab	58.91, 92.75, -57.63
CIE LCh	59, 109.197, 328.143
Yxy	26.9336, 0.3207, 0.1582
Android (android.graphics.Color)	4294254325 (0xFFFF51EF5)
YUV	118.7950, 62.2191, 110.6818
Hunter-Lab	51.8976, 96.9806, -65.0144

Details

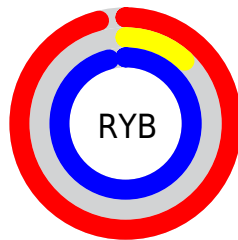
The Hex color **F51EF5** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **1EF51E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF6FFF**, and **B800BC** is the 20% darker color. If you saturate the color by 10%, you get **F506F5**, and if you desaturate by 10%, it is **F537F5**.

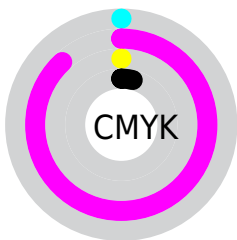
Distribution



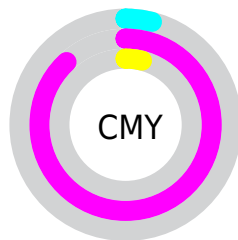
- Red (96%)
- Green (12%)
- Blue (96%)



- Red (96%)
- Yellow (12%)
- Blue (96%)



- Cyan (0%)
- Magenta (88%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (88%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color F51EF5 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 F51EF5 by changing the saturation by 10% instead.

 F51EF5

 F51EF5

FFFFFF

 D600D8

 FF6FFF

 B800BC

 FF8EFF

 9A00A0

 FFADFF

 7C0085

 FFCCFF

 5F006B

 FFE8FF

 430052

 23003A

 000123

 00000A

 F51EF5

 F51EF5

 F506F5

 F537F5

 F500F5

 F54FF5

 F567F5

 F580F5

 F599F5

 F5B1F5

 F5CAF5

 F5E2F5

 F5FBF5

Harmonies

Analogous

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



5A77FF



F51EF5



FF0098

Triad

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



F51EF5



B28900



00B3E7

Complementary

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



F51EF5



1EF51E

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.



00B285



F51EF5



4EA100

Square

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



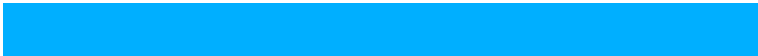
F51EF5



F85900



00AD09



00AFFF

Rectangle

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



F51EF5



FF005A



00AD09



00B3C8

Sweetspot

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



F51EF5



FFBDF5



1E1EF5



805880



000000



808080

Same Dimension

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



F51EF5



FF00FF



F51E8A



7A6E7A



BA00BA



3B003B

Inverse Universe

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



F51EF5



FF00FF



1EF58A



7A6E7A



BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color F51EF5 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

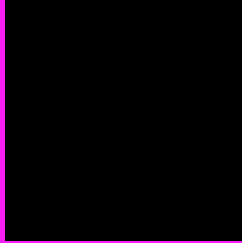
Any Text WCAG AA ✓ Pass

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 F51EF5 Background



This preview shows how black text looks on a background with the Hex color F51EF5.

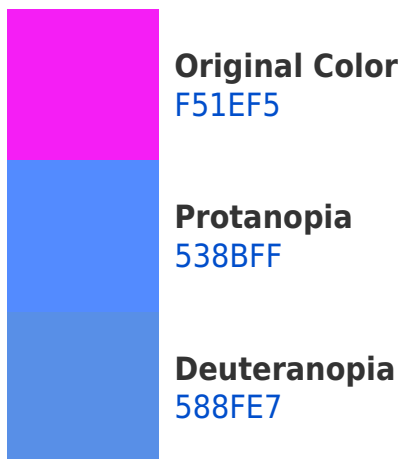


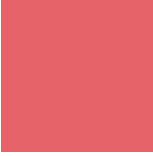
This preview shows how white text looks on a background with the Hex color F51EF5.

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
E6636A

Trichromacy



Original Color
F51EF5



Protanomaly
8E63FB



Deuteranomaly
9166EC



Tritanomaly
EB4A9D

Monochromacy



Original Color
F51EF5



Achromatopsia
777777



Achromatomaly
A557A5

CSS Examples

Text

The CSS property to change the color of the text to Hex F51EF5 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 #F51EF5 looks like.

```
.text, #text, p{  
    color:#F51EF5  
}
```

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 #F51EF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F51EF5
}
```

Border

The CSS property to change the border of an element to Hex F51EF5 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
#F51EF5 }
```

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

```
.border{ border-color:#F51EF5 }
```

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

Here you see how a box with a 4 pixel #F51EF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F51EF5; -webkit-box-shadow:4px 4px  
4px 4px #F51EF5; box-shadow:4px 4px 4px  
4px #F51EF5 }
```

Background

The CSS property to change the background color of an element to Hex F51EF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F51EF5 }
```

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

```
.background{ background-color:#F51EF5 }
```

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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