

Converting Colors

Hex(F33FD5)

Have a look what the booklet for
Hex(F33FD5) contains.

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Color

Hex(F33FD5)

Conversions

Conversions Part 1

Format	Color
Hex	F33FD5
RGB	243, 63, 213
RGB Percent	95%, 25%, 84%
CMY	0.0471, 0.7529, 0.1647
CMYK	0.00, 0.74, 0.12, 0.05
HSL	310°, 88%, 60%
HSV	310°, 74%, 95%
XYZ	50.7499, 27.4138, 65.5674
YIQ	133.9200, 59.1300, 84.8100

Conversions

Conversions Part 2

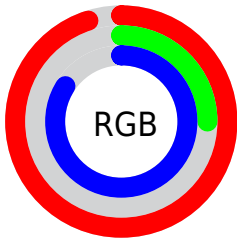
Format	Color
R _{YB}	243, 63, 213
Decimal	15941589
CIE _{Lab}	59.36, 80.83, -38.97
CIE _{LCh}	59, 89.730, 334.261
Yxy	27.4138, 0.3531, 0.1907
Android (android.graphics.Color)	4294131669 (0xFFFF33FD5)
YUV	133.9200, 38.9864, 95.6632
Hunter-Lab	52.3582, 81.3902, -37.5972

Details

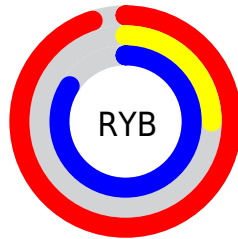
The Hex color **F33FD5** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **3FF35D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF7FFF**, and **B7009E** is the 20% darker color. If you saturate the color by 10%, you get **F327D1**, and if you desaturate by 10%, it is **F357D9**.

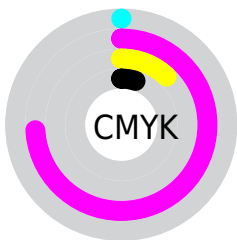
Distribution



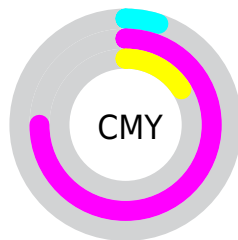
- Red (95%)
- Green (25%)
- Blue (84%)



- Red (95%)
- Yellow (25%)
- Blue (84%)



- Cyan (0%)
- Magenta (74%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (75%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color F33FD5 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 F33FD5 by changing the saturation by 10% instead.

 F33FD5

 F33FD5

FFFFFF

 D50DB9

 FF7FFF

 B7009E

 FF9DFF

 990083

 FFBBFF

 7C006A

 FFD9FF

 5F0051

 FFF8FF

 45003A

 270023

 000008

 000000

 F33FD5

 F33FD5

 F327D1

 F357D9

 F30ECD

 F370DD

 F300CA

 F388E1

 F3A0E5

 F3B8E9

 F3D1ED

 F3E9F1

 F3FFF5

 F3FFF9

Harmonies

Analogous

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



9673FF



F33FD5



FF0387

Triad

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



F33FD5



A39000



00AFE7

Complementary

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



F33FD5



3FF35D

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.



00B098



F33FD5



4EA200

Square

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



F33FD5



E26F00



00AC44



00A9FF

Rectangle

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



F33FD5



FF2A54



00AC44



00B0CE

Sweetspot

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



F33FD5



FFC7F6



5D3FF3



805E7A



000000



808080

Same Dimension

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



F33FD5



FF1CD9



F33F7B



7A6E78



BA009B



3B0031

Inverse Universe

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



F33FD5



FF1CD9



3FF3B7



7A6E78



BA009B



3B0031

Previews

White Background



This preview shows how the Hex color F33FD5 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 F33FD5 Background



This preview shows how black text looks on a background with the Hex color F33FD5.

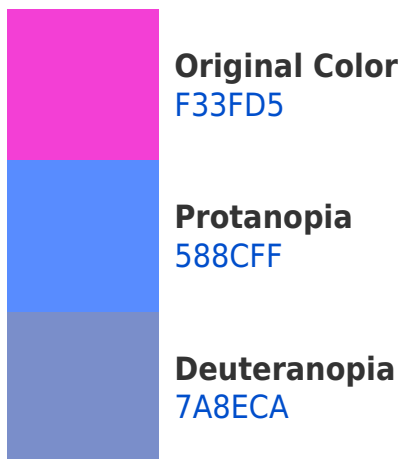



This preview shows how white text looks on a background with the Hex color F33FD5.

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
E9636A

Trichromacy



Original Color
F33FD5



Protanomaly
9070F0



Deuteranomaly
A671CE



Tritanomaly
ED5691

Monochromacy



Original Color
F33FD5



Achromatopsia
868686



Achromatomaly
AE6CA3

CSS Examples

Text

The CSS property to change the color of the text to Hex F33FD5 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 #F33FD5 looks like.

```
.text, #text, p{  
    color:#F33FD5  
}
```

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 #F33FD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F33FD5
}
```

Border

The CSS property to change the border of an element to Hex F33FD5 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
#F33FD5 }
```

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

```
.border{ border-color:#F33FD5 }
```

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

Here you see how a box with a 4 pixel #F33FD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F33FD5; -webkit-box-shadow:4px 4px  
4px 4px #F33FD5; box-shadow:4px 4px 4px  
4px #F33FD5 }
```

Background

The CSS property to change the background color of an element to Hex F33FD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F33FD5 }
```

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

```
.background{ background-color:#F33FD5 }
```

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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