

Converting Colors

Hex(F33EE6)

Have a look what the booklet for
Hex(F33EE6) contains.

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Color

Hex(F33EE6)

Conversions

Conversions Part 1

Format	Color
Hex	F33EE6
RGB	243, 62, 230
RGB Percent	95%, 24%, 90%
CMY	0.0471, 0.7569, 0.0980
CMYK	0.00, 0.74, 0.05, 0.05
HSL	304°, 88%, 60%
HSV	304°, 74%, 95%
XYZ	52.9677, 28.2131, 77.5169
YIQ	135.2710, 53.9480, 90.6200

Conversions

Conversions Part 2

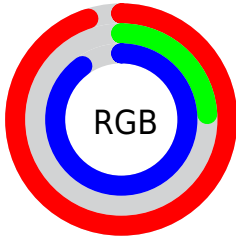
Format	Color
R _Y B	243, 62, 230
Decimal	15941350
CIE Lab	60.08, 83.53, -47.41
CIE LCh	60, 96.043, 330.420
Yxy	28.2131, 0.3338, 0.1778
Android (android.graphics.Color)	4294131430 (0xFFFF33EE6)
YUV	135.2710, 46.7014, 94.4783
Hunter-Lab	53.1160, 85.0486, -49.3459

Details

The Hex color **F33EE6** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **3EF34B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF7FFF**, and **B700AE** is the 20% darker color. If you saturate the color by 10%, you get **F326E4**, and if you desaturate by 10%, it is **F356E8**.

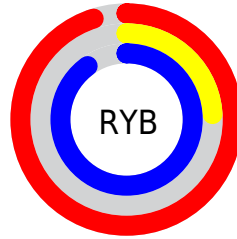
Distribution



Red (95%)

Green (24%)

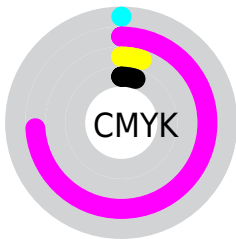
Blue (90%)



Red (95%)

Yellow (24%)

Blue (90%)

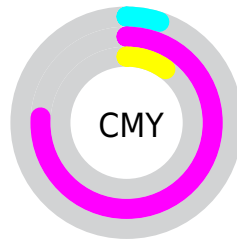


Cyan (0%)

Magenta (74%)

Yellow (5%)

Black (5%)



Cyan (5%)

Magenta (76%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color F33EE6 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 F33EE6 by changing the saturation by 10% instead.

 F33EE6

FFFFFF

 FF7FFF

 FF9DFF

 FFBBFF

 FFDAFF

 FFF8FF

 F33EE6

 D507CA

 B700AE

 990093

 7C0078

 5F005F

 450047

 26002F

 000119

 000000

 F33EE6

 F33EE6

 F326E4

 F356E8

 F30DE3

 F36FE9

 F300E2

 F387EB

 F39FED

 F3B7EF

 F3D0F0

 F3E8F2

 F3FFF4

 F3FFF6

Harmonies

Analogous

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



8079FF



F33EE6



FF0094

Triad

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



F33EE6



AF8E00



00B3E5

Complementary

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



F33EE6



3EF34B

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.



00B390



F33EE6



57A400

Square

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



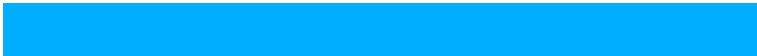
F33EE6



EF6900



00AE33



00AEFF

Rectangle

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



F33EE6



FF005C



00AE33



00B4CA

Sweetspot

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



F33EE6



FFC7FB



4A3EF3



805E7D



000000



808080

Same Dimension

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



F33EE6



FF1CEF



F33E8C



7A6E7A



BA00AD



3B0036

Inverse Universe

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



F33EE6



FF1CEF



3EF3A5



7A6E7A



BA00AD



3B0036

Previews

White Background



This preview shows how the Hex color F33EE6 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 F33EE6 Background



This preview shows how black text looks on a background with the Hex color F33EE6.




This preview shows how white text looks on a background with the Hex color F33EE6.

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](#).

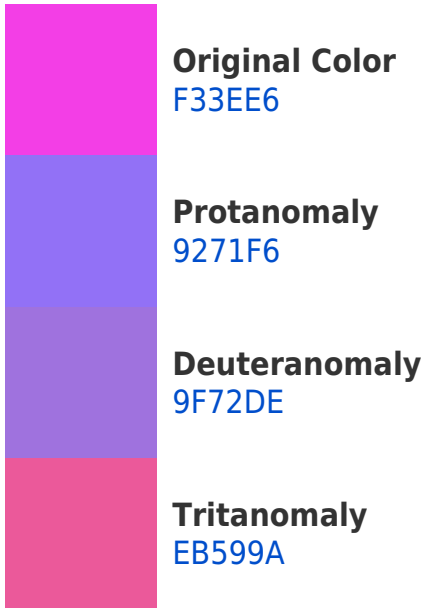
Dichromacy





Tritanopia
E6686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F33EE6 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 #F33EE6 looks like.

```
.text, #text, p{  
    color:#F33EE6  
}
```

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 #F33EE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F33EE6
}
```

Border

The CSS property to change the border of an element to Hex F33EE6 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
#F33EE6 }
```

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

```
.border{ border-color:#F33EE6 }
```

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

Here you see how a box with a 4 pixel #F33EE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F33EE6; -webkit-box-shadow:4px 4px  
4px 4px #F33EE6; box-shadow:4px 4px 4px  
4px #F33EE6 }
```

Background

The CSS property to change the background color of an element to Hex F33EE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F33EE6 }
```

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

```
.background{ background-color:#F33EE6 }
```

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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