

Converting Colors

Hex(F633FF)

Have a look what the booklet for
Hex(F633FF) contains.

Hex(F633FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F633FF)

Conversions

Conversions Part 1

Format	Color
Hex	F633FF
RGB	246, 51, 255
RGB Percent	96%, 20%, 100%
CMY	0.0353, 0.8000, 0.0000
CMYK	0.04, 0.80, 0.00, 0.00
HSL	297°, 100%, 60%
HSV	297°, 80%, 100%
XYZ	57.2399, 29.1805, 97.2233
YIQ	132.5610, 50.7360, 104.7840

Conversions

Conversions Part 2

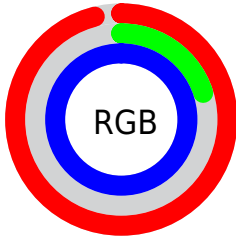
Format	Color
R _Y B	246, 51, 255
Decimal	16135167
CIE Lab	60.94, 90.60, -59.93
CIE LCh	61, 108.627, 326.514
Yxy	29.1805, 0.3117, 0.1589
Android (android.graphics.Color)	4294325247 (0xFFFF633FF)
YUV	132.5610, 60.3624, 99.4860
Hunter-Lab	54.0190, 94.6099, -68.8968

Details

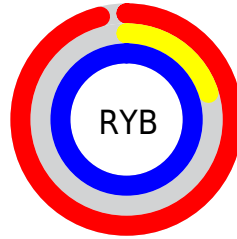
The Hex color **F633FF** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **3CFF33**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF79FF**, and **B900C5** is the 20% darker color. If you saturate the color by 10%, you get **F519FF**, and if you desaturate by 10%, it is **F74DFF**.

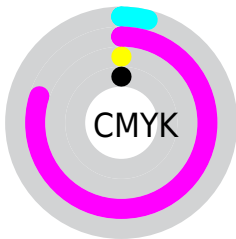
Distribution



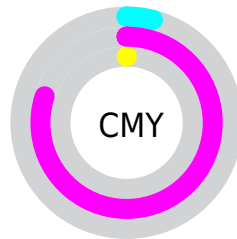
- Red (96%)
- Green (20%)
- Blue (100%)



- Red (96%)
- Yellow (20%)
- Blue (100%)



- Cyan (4%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color F633FF 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 F633FF by changing the saturation by 10% instead.

 F633FF

 F633FF

FFFFFF

 D700E2

 FF79FF

 B900C5

 FF98FF

 9B00A9

 FFB7FF

 7D008E

 FFD6FF

 600074

 FFF4FF

 44005B

 240042

 00002A

 000115

 F633FF

 F633FF

 F519FF

 F74DFF

 F400FF

 F866FF

 F980FF

 FB99FF

 FCB3FF

 FDCCFF

 FEE6FF

FFFFFF

Harmonies

Analogous

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



507FFF



F633FF



FF00A3

Triad

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



F633FF



BC8C00



00B9E7

Complementary

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



F633FF



3CFF33

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.



00B885



F633FF



5CA600

Square

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



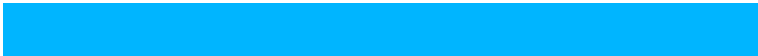
F633FF



FF5B00



00B206



00B5FF

Rectangle

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



F633FF



FF0064



00B206



00B9C8

Sweetspot

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



F633FF



FCC2FF



333DFF



7E5B80



000000



808080

Same Dimension

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



F633FF



F40AFF



FF33A3



7F7380



B700BF



3D0040

Inverse Universe

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



FF333C



FF0A15



33FF8F



807373



BF0008



400003

Previews

White Background



This preview shows how the Hex color F633FF looks on a white background.

Color Contrast Check

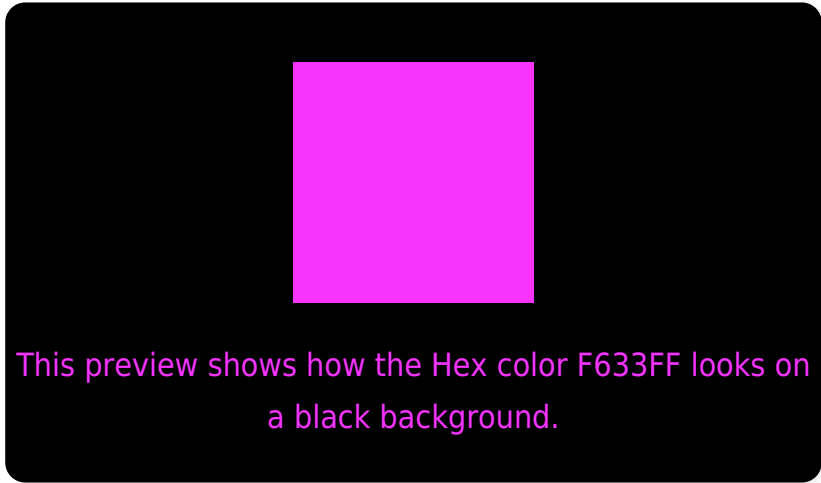
Large Text (above 18pt) WCAG AA ✓ Pass

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 F633FF Background



This preview shows how black text looks on a background with the Hex color F633FF.




This preview shows how white text looks on a background with the Hex color F633FF.

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](#).

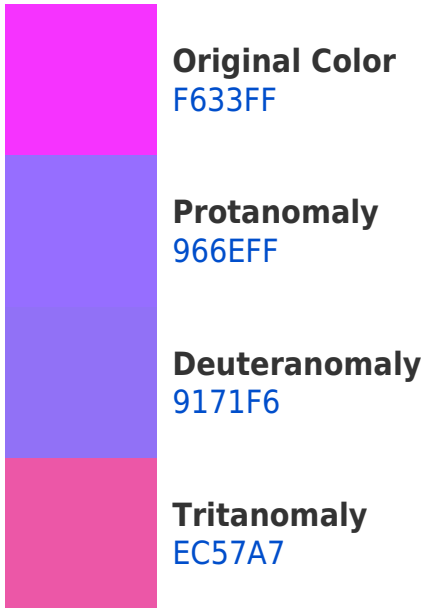
Dichromacy





Tritanopia
E66C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F633FF 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 #F633FF looks like.

```
.text, #text, p{  
    color:#F633FF  
}
```

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 #F633FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F633FF } }
```

Border

The CSS property to change the border of an element to Hex F633FF 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 #F633FF } }
```

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

```
.border{ border-color:#F633FF }
```

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

Here you see how a box with a 4 pixel #F633FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F633FF; -webkit-box-shadow:4px 4px  
4px 4px #F633FF; box-shadow:4px 4px 4px  
4px #F633FF }
```

Background

The CSS property to change the background color of an element to Hex F633FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F633FF }
```

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

```
.background{ background-color:#F633FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor