

Converting Colors

Hex(F733FF)

Have a look what the booklet for
Hex(F733FF) contains.

Hex(F733FF)	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(F733FF)

Conversions

Conversions Part 1

Format	Color
Hex	F733FF
RGB	247, 51, 255
RGB Percent	97%, 20%, 100%
CMY	0.0314, 0.8000, 0.0000
CMYK	0.03, 0.80, 0.00, 0.00
HSL	298°, 100%, 60%
HSV	298°, 80%, 100%
XYZ	57.5916, 29.3618, 97.2397
YIQ	132.8600, 51.3320, 104.9960

Conversions

Conversions Part 2

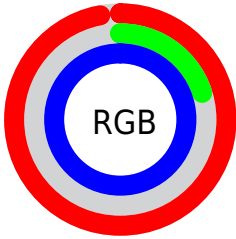
Format	Color
R _Y B	247, 51, 255
Decimal	16200703
CIE Lab	61.10, 90.77, -59.67
CIE LCh	61, 108.630, 326.681
Yxy	29.3618, 0.3127, 0.1594
Android (android.graphics.Color)	4294390783 (0xFFFF733FF)
YUV	132.8600, 60.2150, 100.1008
Hunter-Lab	54.1865, 94.8904, -68.4675

Details

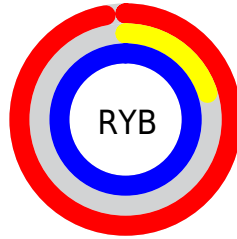
The Hex color **F733FF** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **3BFF33**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF7AFF**, and **BA00C5** is the 20% darker color. If you saturate the color by 10%, you get **F619FF**, and if you desaturate by 10%, it is **F84DFF**.

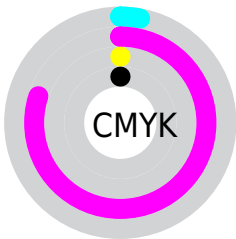
Distribution



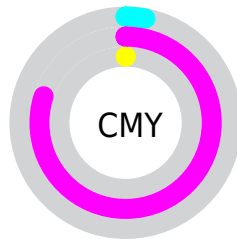
- Red (97%)
- Green (20%)
- Blue (100%)



- Red (97%)
- Yellow (20%)
- Blue (100%)



- Cyan (3%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color F733FF 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 F733FF by changing the saturation by 10% instead.

 F733FF

 F733FF

FFFFFF

 D800E2

 FF7AFF

 BA00C5

 FF99FF

 9C00A9

 FFB7FF

 7E008E

 FFD6FF

 610074

 FFF5FF

 45005B

 250042

 00002A

 000115

 F733FF

 F733FF

 F619FF

 F84DFF

 F500FF

 F966FF

 FA80FF

 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.



537FFF



F733FF



FF00A3

Triad

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



F733FF



BC8D00



00BAE8

Complementary

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



F733FF



3BFF33

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.



00B886



F733FF



5CA600

Square

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



F733FF



FF5C00



00B309



00B5FF

Rectangle

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



F733FF



FF0064



00B309



00BAC9

Sweetspot

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



F733FF



FDC2FF



333DFF



7E5B80



000000



808080

Same Dimension

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



F733FF



F50AFF



FF33A3



7F7380



B800BF



3D0040

Inverse Universe

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



FF333B



FF0A14



33FF8F



807373



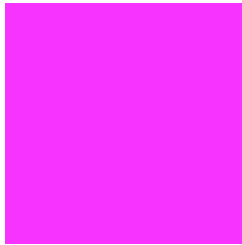
BF0007



400002

Previews

White Background



This preview shows how the Hex color F733FF 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 F733FF Background



This preview shows how black text looks on a background with the Hex color F733FF.




This preview shows how white text looks on a background with the Hex color F733FF.

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](#).

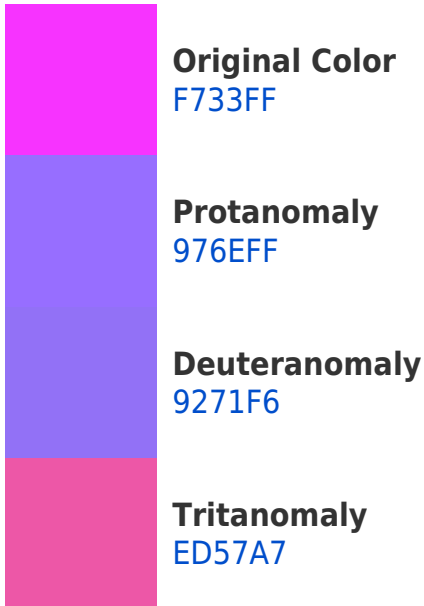
Dichromacy





Tritanopia
E76C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F733FF 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 #F733FF looks like.

```
.text, #text, p{  
    color:#F733FF  
}
```

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 #F733FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F733FF
}
```

Border

The CSS property to change the border of an element to Hex F733FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

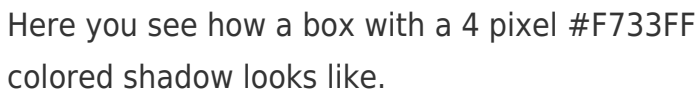
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F733FF }
```

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

```
.border{ border-color:#F733FF }
```

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



Here you see how a box with a 4 pixel #F733FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F733FF; -webkit-box-shadow:4px 4px  
4px 4px #F733FF; box-shadow:4px 4px 4px  
4px #F733FF }
```

Background

The CSS property to change the background color of an element to Hex F733FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F733FF }
```

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

```
.background{ background-color:#F733FF }
```

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