

Converting Colors

Hex(FF45E9)

Have a look what the booklet for
Hex(FF45E9) contains.

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Color

Hex(F445E9)

Conversions

Conversions Part 1

Format	Color
Hex	FF45E9
RGB	255, 69, 233
RGB Percent	100%, 27%, 91%
CMY	0.0000, 0.7294, 0.0863
CMYK	0.00, 0.73, 0.09, 0.00
HSL	307°, 100%, 64%
HSV	307°, 73%, 100%
XYZ	58.0761, 31.3994, 80.0905
YIQ	143.3100, 58.2120, 90.4360

Conversions

Conversions Part 2

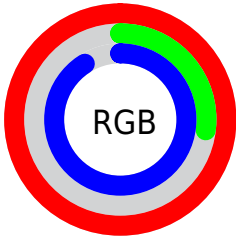
Format	Color
R _Y B	255, 69, 233
Decimal	16729577
CIE Lab	62.84, 84.44, -44.60
CIE LCh	63, 95.497, 332.157
Yxy	31.3994, 0.3425, 0.1852
Android (android.graphics.Color)	4294919657 (0xFFFF45E9)
YUV	143.3100, 44.2172, 97.9521
Hunter-Lab	56.0352, 86.9397, -45.5180

Details

The Hex color **FF45E9** 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 **45FF5B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF86FF**, and **C200B1** is the 20% darker color. If you saturate the color by 10%, you get **FF2BE6**, and if you desaturate by 10%, it is **FF5EEC**.

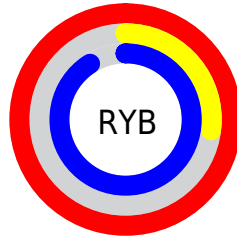
Distribution



Red (100%)

Green (27%)

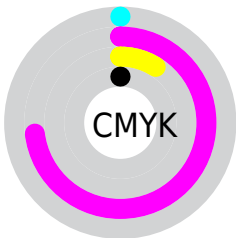
Blue (91%)



Red (100%)

Yellow (27%)

Blue (91%)

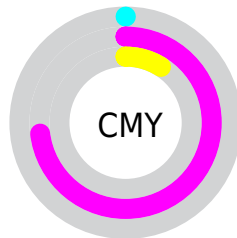


Cyan (0%)

Magenta (73%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (73%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF45E9 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 FF45E9 by changing the saturation by 10% instead.

 FF45E9

FFFFFF

 FF86FF

 FFA4FF

 FFC2FF

 FFE0FF

 FF45E9

 E017CD

 C200B1

 A40096

 87007B

 6A0062

 4E0049

 310032

 0A001B

 000000

 FF45E9

 FF45E9

 FF2BE6

 FF5EEC

 FF12E3

 FF78EF

 FF00E1

 FF92F2

 FFABF5

 FFC4F8

 FFDEFB

 FFF7FE

FFFFFF

Harmonies

Analogous

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



947EFF



FF45E9



FF0096

Triad

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



FF45E9



B39700



00BBF1

Complementary

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



FF45E9



45FF5B

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.



00BB9C



FF45E9



59AC00

Square

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



FF45E9



F47300



00B641



00B5FF

Rectangle

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



FF45E9



FF225E



00B641



00BCD6

Sweetspot

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



FF45E9



FFC7F8



5B45FF



805E7C



000000



808080

Same Dimension

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



FF45E9



FF1FE4



FF458C



80737E



BF00A9



400038

Inverse Universe

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



FF45E9



FF1FE4



45FFB8



80737E



BF00A9



400038

Previews

White Background



This preview shows how the Hex color FF45E9 looks on a white background.

Color Contrast Check

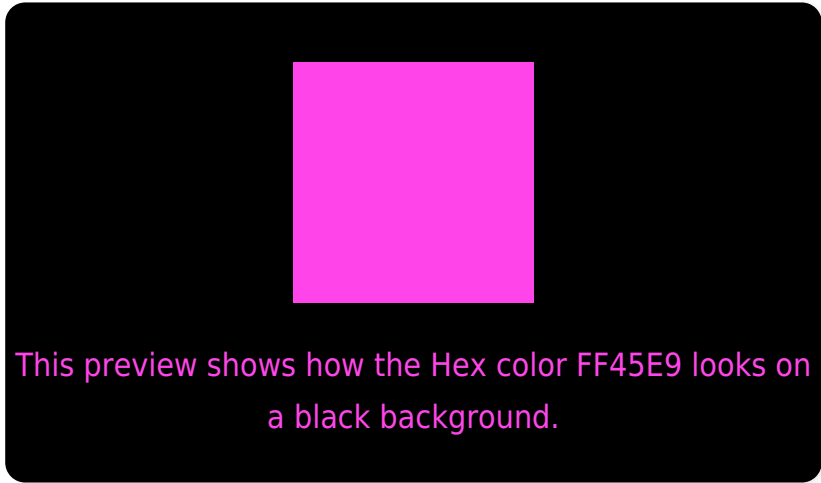
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF45E9 Background



This preview shows how black text looks on a background with the Hex color FF45E9.

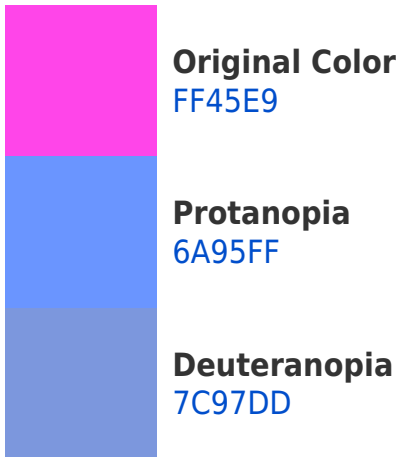


This preview shows how white text looks on a background with the Hex color FF45E9.

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
F36D74

Trichromacy



Original Color
FF45E9



Protanomaly
A078F7



Deuteranomaly
AC79E1



Tritanomaly
F75E9F

Monochromacy



Original Color
FF45E9



Achromatopsia
8F8F8F



Achromatomaly
B874B0

CSS Examples

Text

The CSS property to change the color of the text to Hex FF45E9 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 #FF45E9 looks like.

```
.text, #text, p{  
    color:#FF45E9  
}
```

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 #FF45E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF45E9
}
```

Border

The CSS property to change the border of an element to Hex FF45E9 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
#FF45E9 }
```

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

```
.border{ border-color:#FF45E9 }
```

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

Here you see how a box with a 4 pixel #FF45E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF45E9; -webkit-box-shadow:4px 4px  
4px 4px #FF45E9; box-shadow:4px 4px 4px  
4px #FF45E9 }
```

Background

The CSS property to change the background color of an element to Hex FF45E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF45E9 }
```

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

```
.background{ background-color:#FF45E9 }
```

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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