

Converting Colors

Hex(FF45D0)

Have a look what the booklet for
Hex(FF45D0) contains.

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Color

Hex(F445D0)

Conversions

Conversions Part 1

Format	Color
Hex	FF45D0
RGB	255, 69, 208
RGB Percent	100%, 27%, 82%
CMY	0.0000, 0.7294, 0.1843
CMYK	0.00, 0.73, 0.18, 0.00
HSL	315°, 100%, 64%
HSV	315°, 73%, 100%
XYZ	54.7533, 30.0703, 62.5928
YIQ	140.4600, 66.2370, 82.6610

Conversions

Conversions Part 2

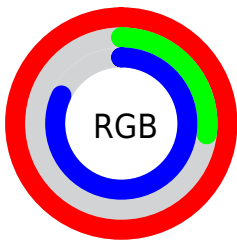
Format	Color
R _Y B	255, 69, 208
Decimal	16729552
CIE _{Lab}	61.71, 81.05, -32.31
CIE _{LCh}	62, 87.256, 338.269
Yxy	30.0703, 0.3714, 0.2040
Android (android.graphics.Color)	4294919632 (0xFFFF45D0)
YUV	140.4600, 33.2972, 100.4516
Hunter-Lab	54.8364, 82.2657, -29.2909

Details

The Hex color **FF45D0** 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 **45FF74**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF85FF**, and **C20099** is the 20% darker color. If you saturate the color by 10%, you get **FF2BCA**, and if you desaturate by 10%, it is **FF5ED6**.

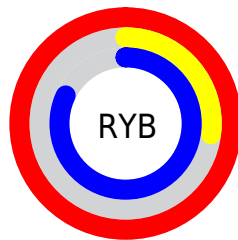
Distribution



Red (100%)

Green (27%)

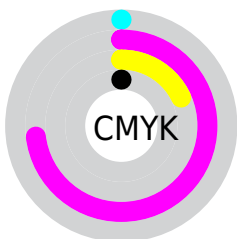
Blue (82%)



Red (100%)

Yellow (27%)

Blue (82%)

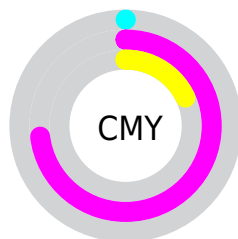


Cyan (0%)

Magenta (73%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (73%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF45D0 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 FF45D0 by changing the saturation by 10% instead.

 FF45D0

 FF45D0

FFFFFF

 E019B4

 FF85FF

 C20099

 FFA3FF

 A4007F

 FFC1FF

 870066

 FFDFFF

 6A004D

FFFEFF

 4E0036

 310020

 050002

 000000

 FF45D0

 FF45D0

 FF2BCA

 FF5ED6

 FF12C3

 FF78DD

 FF00BF

 FF92E3

 FFABEA

 FFC4F0

 FFDEF7

 FFF7FD

FFFFFF

Harmonies

Analogous

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



AE75FF



FF45D0



FF2A83

Triad

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



FF45D0



A19900



00B5F4

Complementary

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



FF45D0



45FF74

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.



00B6A9



FF45D0



48AA00

Square

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



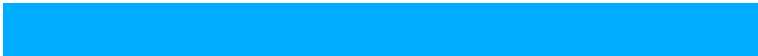
FF45D0



E07C00



00B358



00ADFF

Rectangle

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



FF45D0



FF4251



00B358



00B6DD

Sweetspot

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



FF45D0



FFC7F1



7345FF



805E77



000000



808080

Same Dimension

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



FF45D0



FF1FC6



FF4573



80737C



BF008F



400030

Inverse Universe

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



FF45D0



FF1FC6



45FFD1



80737C



BF008F



400030

Previews

White Background



This preview shows how the Hex color FF45D0 looks on a white background.

Color Contrast Check

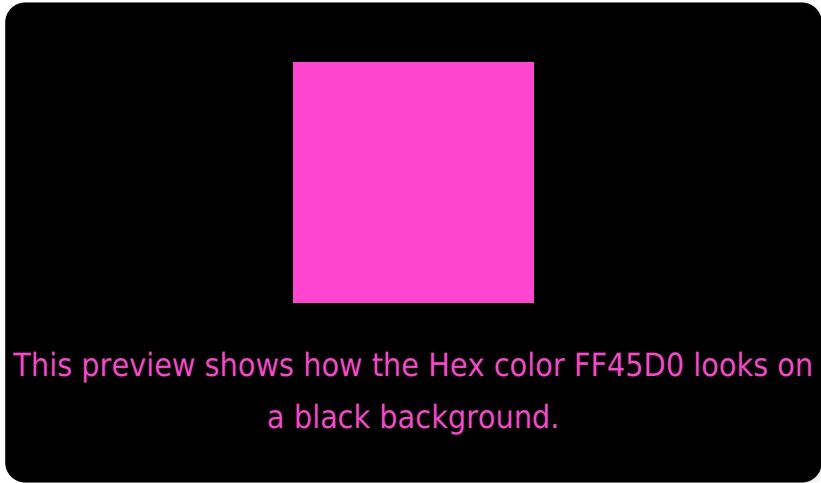
Large Text (above 18pt) WCAG AA × Fail

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 FF45D0 Background



This preview shows how black text looks on a background with the Hex color FF45D0.

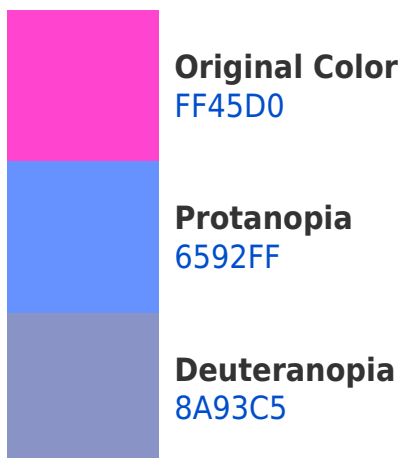


This preview shows how white text looks on a background with the Hex color FF45D0.

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
F6656B

Trichromacy



Original Color
FF45D0



Protanomaly
9D76EE



Deuteranomaly
B577C9



Tritanomaly
F95990

Monochromacy



Original Color
FF45D0



Achromatopsia
8C8C8C



Achromatomaly
B672A5

CSS Examples

Text

The CSS property to change the color of the text to Hex FF45D0 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 #FF45D0 looks like.

```
.text, #text, p{  
    color:#FF45D0  
}
```

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 #FF45D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF45D0
}
```

Border

The CSS property to change the border of an element to Hex FF45D0 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
#FF45D0 }
```

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

```
.border{ border-color:#FF45D0 }
```

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

Here you see how a box with a 4 pixel #FF45D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF45D0; -webkit-box-shadow:4px 4px  
4px 4px #FF45D0; box-shadow:4px 4px 4px  
4px #FF45D0 }
```

Background

The CSS property to change the background color of an element to Hex FF45D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF45D0 }
```

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

```
.background{ background-color:#FF45D0 }
```

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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