

Converting Colors

Hex(FF45D9)

Have a look what the booklet for
Hex(FF45D9) contains.

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Color

Hex(F445D9)

Conversions

Conversions Part 1

Format	Color
Hex	FF45D9
RGB	255, 69, 217
RGB Percent	100%, 27%, 85%
CMY	0.0000, 0.7294, 0.1490
CMYK	0.00, 0.73, 0.15, 0.00
HSL	312°, 100%, 64%
HSV	312°, 73%, 100%
XYZ	55.8925, 30.5260, 68.5919
YIQ	141.4860, 63.3480, 85.4600

Conversions

Conversions Part 2

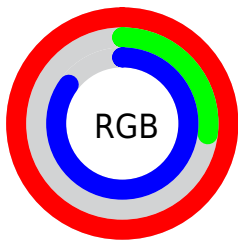
Format	Color
R _Y B	255, 69, 217
Decimal	16729561
CIE Lab	62.11, 82.24, -36.78
CIE LCh	62, 90.089, 335.901
Yxy	30.5260, 0.3606, 0.1969
Android (android.graphics.Color)	4294919641 (0xFFFF45D9)
YUV	141.4860, 37.2284, 99.5518
Hunter-Lab	55.2503, 83.8866, -34.9318

Details

The Hex color **FF45D9** 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 **45FF6B**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF85FF**, and **C200A2** is the 20% darker color. If you saturate the color by 10%, you get **FF2BD4**, and if you desaturate by 10%, it is **FF5EDE**.

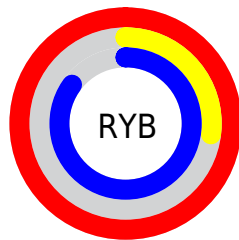
Distribution



Red (100%)

Green (27%)

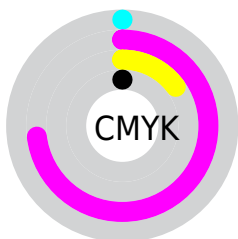
Blue (85%)



Red (100%)

Yellow (27%)

Blue (85%)

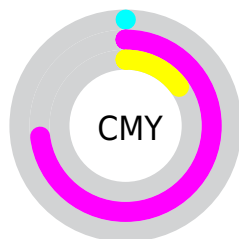


Cyan (0%)

Magenta (73%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (73%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF45D9 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 FF45D9 by changing the saturation by 10% instead.

 FF45D9

 FF45D9

FFFFFF

 E018BD

 FF85FF

 C200A2

 FFA3FF

 A40087

 FFC1FF

 87006D

 FFE0FF

 6A0055

FFFEFF

 4E003D

 310026

 06000E

 000000

 FF45D9

 FF45D9

 FF2BD4

 FF5EDE

 FF12CF

 FF78E3

 FF00CB

 FF92E9

 FFABEE

 FFC4F3

 FFDEF8

 FFF7FD

FFFFFF

Harmonies

Analogous

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



A678FF



FF45D9



FF1E8A

Triad

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



FF45D9



A89800



00B7F3

Complementary

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



FF45D9



45FF6B

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.



00B8A4



FF45D9



4FAB00

Square

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



FF45D9



E87900



00B450



00B0FF

Rectangle

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



FF45D9



FF3956



00B450



00B8DA

Sweetspot

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



FF45D9



FFC7F4



6A45FF



805E79



000000



808080

Same Dimension

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



FF45D9



FF1FD1



FF457D



80737D



BF0098



400033

Inverse Universe

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



FF45D9



FF1FD1



45FFC7



80737D



BF0098



400033

Previews

White Background



This preview shows how the Hex color FF45D9 looks on a white background.

Color Contrast Check

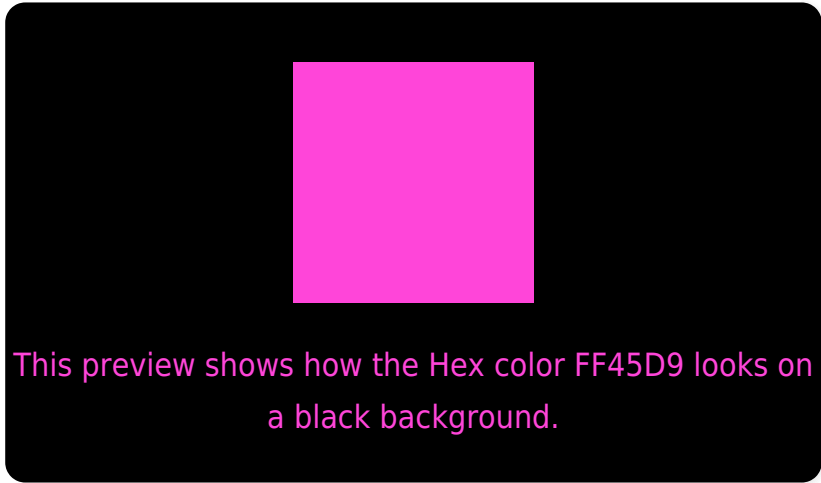
Large Text (above 18pt) WCAG AA × Fail

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 FF45D9 Background



This preview shows how black text looks on a background with the Hex color FF45D9.

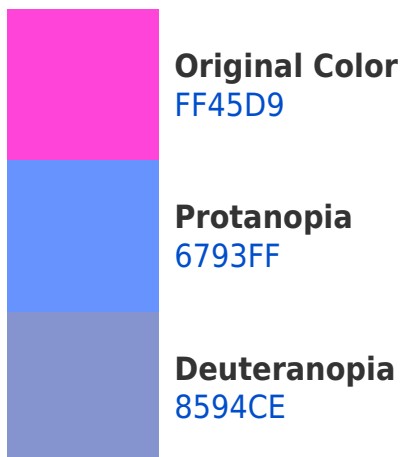


This preview shows how white text looks on a background with the Hex color FF45D9.

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
F5686E

Trichromacy



Original Color
FF45D9



Protanomaly
9E77F1



Deuteranomaly
B177D2



Tritanomaly
F95B95

Monochromacy



Original Color
FF45D9



Achromatopsia
8D8D8D



Achromatomaly
B673A9

CSS Examples

Text

The CSS property to change the color of the text to Hex FF45D9 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 #FF45D9 looks like.

```
.text, #text, p{  
    color:#FF45D9  
}
```

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 #FF45D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF45D9
}
```

Border

The CSS property to change the border of an element to Hex FF45D9 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
#FF45D9 }
```

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

```
.border{ border-color:#FF45D9 }
```

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

Here you see how a box with a 4 pixel #FF45D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF45D9; -webkit-box-shadow:4px 4px  
4px 4px #FF45D9; box-shadow:4px 4px 4px  
4px #FF45D9 }
```

Background

The CSS property to change the background color of an element to Hex FF45D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF45D9 }
```

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

```
.background{ background-color:#FF45D9 }
```

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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