

Converting Colors

Hex(FE40CF)

Have a look what the booklet for
Hex(FE40CF) contains.

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Color

Hex(FE40CF)

Conversions

Conversions Part 1

Format	Color
Hex	FE40CF
RGB	254, 64, 207
RGB Percent	100%, 25%, 81%
CMY	0.0039, 0.7490, 0.1882
CMYK	0.00, 0.75, 0.19, 0.00
HSL	315°, 99%, 62%
HSV	315°, 75%, 100%
XYZ	53.9689, 29.2426, 61.8314
YIQ	137.1120, 67.3370, 84.7530

Conversions

Conversions Part 2

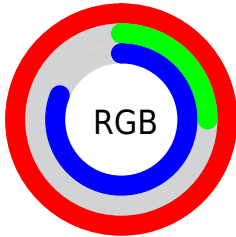
Format	Color
RYB	254, 64, 207
Decimal	16662735
CIELab	61.00, 82.16, -32.87
CIELCh	61, 88.492, 338.195
Yxy	29.2426, 0.3721, 0.2016
Android (android.graphics.Color)	4294852815 (0xFFFE40CF)
YUV	137.1120, 34.4548, 102.5108
Hunter-Lab	54.0764, 83.5113, -29.9391

Details

The Hex color **FE40CF** 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 **40FE6F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF81FF**, and **C10098** is the 20% darker color. If you saturate the color by 10%, you get **FE27C9**, and if you desaturate by 10%, it is **FE59D5**.

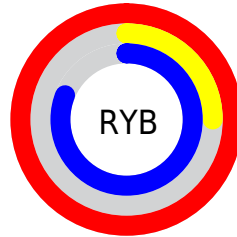
Distribution



Red (100%)

Green (25%)

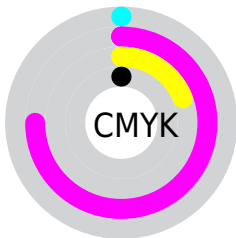
Blue (81%)



Red (100%)

Yellow (25%)

Blue (81%)

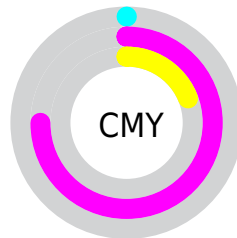


Cyan (0%)

Magenta (75%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (75%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE40CF 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 FE40CF by changing the saturation by 10% instead.

 FE40CF

FFFFFF

 FF81FF

 FF9FFF

 FFBDFE

 FFDCFF

 FFFAFF

 FE40CF

 DF0CB3

 C10098

 A3007E

 850065

 68004C

 4D0035

 2F001F

 010000

 000000

 FE40CF

 FE40CF

 FE27C9

 FE59D5

 FE0DC2

 FE73DC

 FE00BF

 FE8CE2

 FEA6E8

 FEBFEE

 FED8F5

 FEF2FB

FEFFFF

Harmonies

Analogous

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



AC72FF



FE40CF



FF2081

Triad

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



FE40CF



9F9700



00B3F3

Complementary

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



FE40CF



40FE6F

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.



00B4A7



FE40CF



44A800

Square

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



FE40CF



DF7900



00B155



00ABFF

Rectangle

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



FE40CF



FF3C4F



00B155



00B4DC

Sweetspot

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



FE40CF



FFC7F1



6C40FE



805E77



000000



808080

Same Dimension

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



FE40CF



FF19C6



FE4073



80737C



BF0090



400030

Inverse Universe

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



FE40CF



FF19C6



40FECB



80737C



BF0090



400030

Previews

White Background



This preview shows how the Hex color FE40CF looks on a white background.

Color Contrast Check

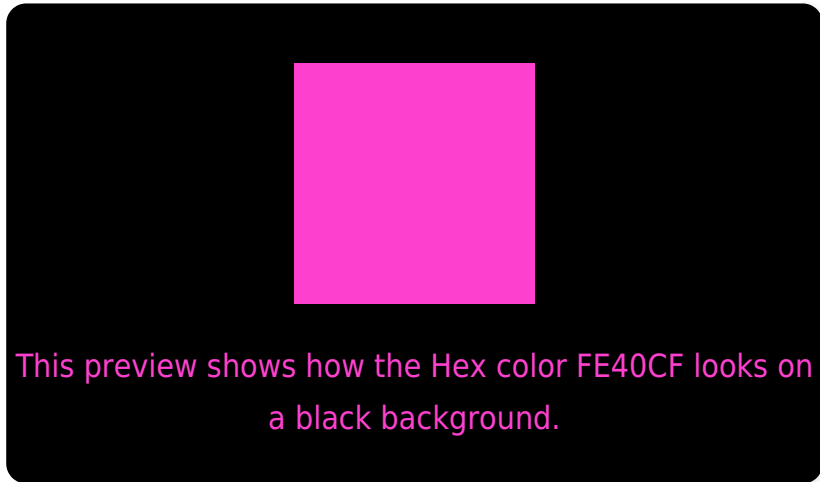
Large Text (above 18pt) WCAG AA ✓ Pass

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 FE40CF Background



This preview shows how black text looks on a background with the Hex color FE40CF.

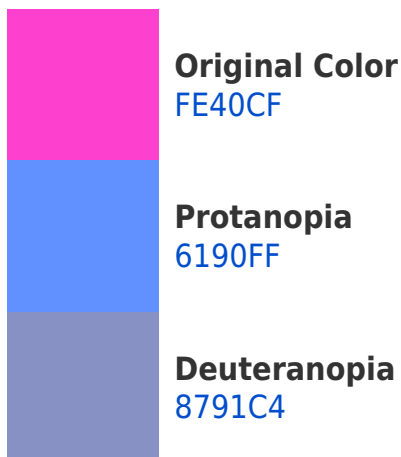



This preview shows how white text looks on a background with the Hex color FE40CF.

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
F56268

Trichromacy



Original Color
FE40CF



Protanomaly
9A73EE



Deuteranomaly
B274C8



Tritanomaly
F8568D

Monochromacy



Original Color
FE40CF



Achromatopsia
898989



Achromatomaly
B46EA2

CSS Examples

Text

The CSS property to change the color of the text to Hex FE40CF 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 #FE40CF looks like.

```
.text, #text, p{  
    color:#FE40CF  
}
```

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 #FE40CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE40CF
}
```

Border

The CSS property to change the border of an element to Hex FE40CF 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
#FE40CF }
```

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

```
.border{ border-color:#FE40CF }
```

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

Here you see how a box with a 4 pixel #FE40CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE40CF; -webkit-box-shadow:4px 4px  
4px 4px #FE40CF; box-shadow:4px 4px 4px  
4px #FE40CF }
```

Background

The CSS property to change the background color of an element to Hex FE40CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE40CF }
```

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

```
.background{ background-color:#FE40CF }
```

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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