

Converting Colors

Hex(FF40E9)

Have a look what the booklet for
Hex(FF40E9) contains.

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Color

Hex(F40E9)

Conversions

Conversions Part 1

Format	Color
Hex	FF40E9
RGB	255, 64, 233
RGB Percent	100%, 25%, 91%
CMY	0.0000, 0.7490, 0.0863
CMYK	0.00, 0.75, 0.09, 0.00
HSL	307°, 100%, 63%
HSV	307°, 75%, 100%
XYZ	57.7814, 30.8100, 79.9923
YIQ	140.3750, 59.5870, 93.0510

Conversions

Conversions Part 2

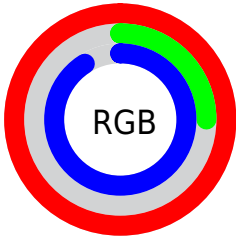
Format	Color
R _Y B	255, 64, 233
Decimal	16728297
CIE Lab	62.35, 85.86, -45.38
CIE LCh	62, 97.119, 332.141
Yxy	30.8100, 0.3427, 0.1828
Android (android.graphics.Color)	4294918377 (0xFFFF40E9)
YUV	140.3750, 45.6641, 100.5261
Hunter-Lab	55.5067, 88.6780, -46.5897

Details

The Hex color **FF40E9** 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 **40FF56**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF82FF**, and **C200B1** is the 20% darker color. If you saturate the color by 10%, you get **FF26E6**, and if you desaturate by 10%, it is **FF5AEC**.

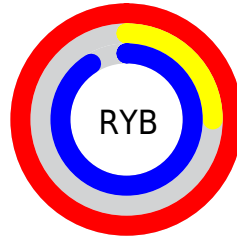
Distribution



Red (100%)

Green (25%)

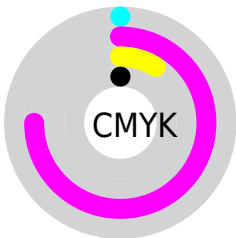
Blue (91%)



Red (100%)

Yellow (25%)

Blue (91%)

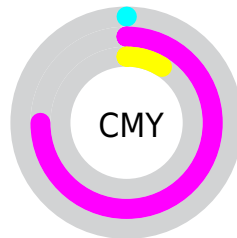


Cyan (0%)

Magenta (75%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (75%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF40E9 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 FF40E9 by changing the saturation by 10% instead.

 FF40E9

 FF40E9

FFFFFF

 E008CD

 FF82FF

 C200B1

 FFA1FF

 A40096

 FFBFFF

 87007B

 FFDDFF

 690062

 FFCCFF

 4E0049

 300032

 08001B

 000000

 FF40E9

 FF40E9

 FF26E6

 FF5AEC

 FF0DE3

 FF73EF

 FF00E2

 FF8DF2

 FFA6F5

 FFC0F8

 FFD9FB

 FFF3FE

FFFFFF

Harmonies

Analogous

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



917CFF



FF40E9



FF0095

Triad

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



FF40E9



B19600



00BAF1

Complementary

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



FF40E9



40FF56

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.



00BA9B



FF40E9



56AB00

Square

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



FF40E9



F47100



00B53E



00B4FF

Rectangle

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



FF40E9



FF145C



00B53E



00BBD6

Sweetspot

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



FF40E9



FFC7F9



5340FF



805E7C



000000



808080

Same Dimension

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



FF40E9



FF19E5



FF408C



80737E



BF00A9



400038

Inverse Universe

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



FF40E9



FF19E5



40FFB3



80737E



BF00A9



400038

Previews

White Background



This preview shows how the Hex color FF40E9 looks on a white background.

Color Contrast Check

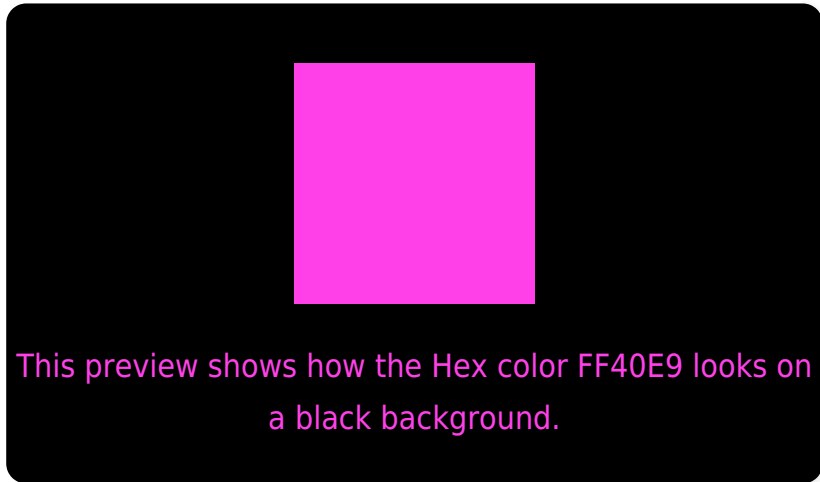
Large Text (above 18pt) WCAG AA × Fail

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 FF40E9 Background



This preview shows how black text looks on a background with the Hex color FF40E9.

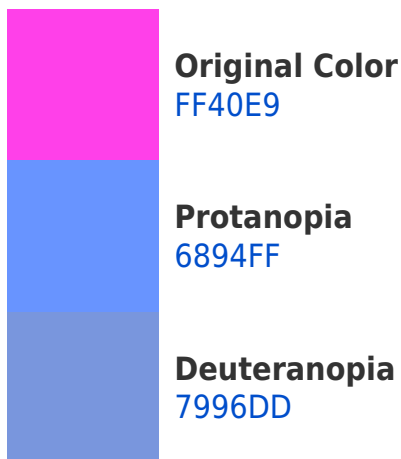


This preview shows how white text looks on a background with the Hex color FF40E9.

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
F36A71

Trichromacy



Original Color
FF40E9



Protanomaly
9F75F7



Deuteranomaly
AA77E1



Tritanomaly
F75B9D

Monochromacy



Original Color
FF40E9



Achromatopsia
8C8C8C



Achromatomaly
B670AE

CSS Examples

Text

The CSS property to change the color of the text to Hex FF40E9 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 #FF40E9 looks like.

```
.text, #text, p{  
    color:#FF40E9  
}
```

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 #FF40E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF40E9
}
```

Border

The CSS property to change the border of an element to Hex FF40E9 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
#FF40E9 }
```

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

```
.border{ border-color:#FF40E9 }
```

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

Here you see how a box with a 4 pixel #FF40E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF40E9; -webkit-box-shadow:4px 4px  
4px 4px #FF40E9; box-shadow:4px 4px 4px  
4px #FF40E9 }
```

Background

The CSS property to change the background color of an element to Hex FF40E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF40E9 }
```

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

```
.background{ background-color:#FF40E9 }
```

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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