

Converting Colors

Hex(F40FF2)

Have a look what the booklet for
Hex(F40FF2) contains.

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Color

Hex(F40FF2)

Conversions

Conversions Part 1

Format	Color
Hex	F40FF2
RGB	244, 15, 242
RGB Percent	96%, 6%, 95%
CMY	0.0431, 0.9412, 0.0510
CMYK	0.00, 0.94, 0.01, 0.04
HSL	301°, 91%, 51%
HSV	301°, 94%, 96%
XYZ	53.5061, 25.9855, 86.2000
YIQ	109.3490, 63.6170, 119.1450

Conversions

Conversions Part 2

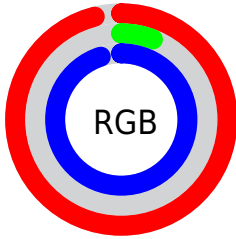
Format	Color
RYB	244, 15, 242
Decimal	15994866
CIELab	58.02, 93.78, -57.39
CIELCh	58, 109.950, 328.535
Yxy	25.9855, 0.3229, 0.1568
Android (android.graphics.Color)	4294184946 (0xFFFF40FF2)
YUV	109.3490, 65.3969, 118.0889
Hunter-Lab	50.9760, 98.1513, -64.5757

Details

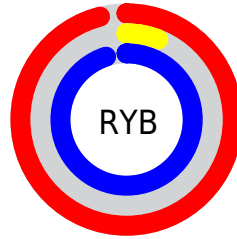
The Hex color **F40FF2** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **0FF411**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6AFF**, and **B700B9** is the 20% darker color. If you saturate the color by 10%, you get **F400F2**, and if you desaturate by 10%, it is **F427F2**.

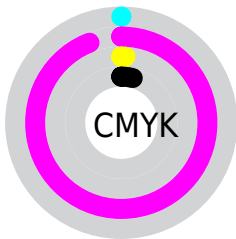
Distribution



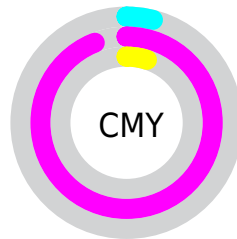
- Red (96%)
- Green (6%)
- Blue (95%)



- Red (96%)
- Yellow (6%)
- Blue (95%)



- Cyan (0%)
- Magenta (94%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (94%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color F40FF2 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 F40FF2 by changing the saturation by 10% instead.

 F40FF2

 F40FF2

FFFFFF

 D500D5

 FF6AFF

 B700B9

 FF8AFF

 99009D

 FFA9FF

 7B0083

 FFC8FF

 5D0069

 FFE7FF

 410050

 220038

 000221

 000005

 F40FF2

 F40FF2

 F400F2

 F427F2

 F440F2

 F458F3

 F471F3

 F489F3

 F4A1F3

 F4BAF3

 F4D2F4

 F4EBF4

Harmonies

Analogous

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



5974FF



F40FF2



FF0095

Triad

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



F40FF2



AE8700



00B1E6

Complementary

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



F40FF2



0FF411

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.



00AF84



F40FF2



499F00

Square

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



F40FF2



F55700



00AB06



00ADFF

Rectangle

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



F40FF2



FF0056



00AB06



00B1C7

Sweetspot

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



F40FF2



FFB8FE



0F0FF4



80547F



000000



808080

Same Dimension

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



F40FF2



FF00FD



F40F82



7A6E7A



BA00B9



3B003A

Inverse Universe

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



F40FF2



FF00FD



0FF482



7A6E7A



BA00B9



3B003A

Previews

White Background



This preview shows how the Hex color F40FF2 looks on a white background.

Color Contrast Check

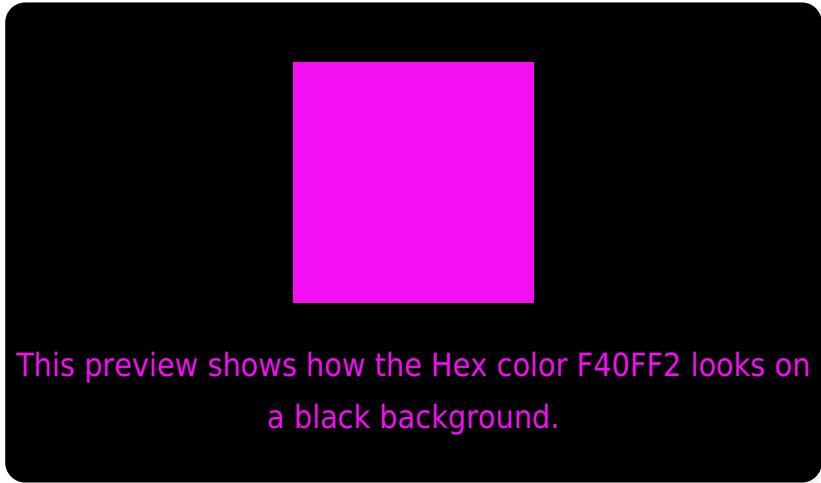
Large Text (above 18pt) WCAG AA ✓ Pass

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 F40FF2 Background



This preview shows how black text looks on a background with the Hex color F40FF2.



This preview shows how white text looks on a background with the Hex color F40FF2.

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



Original Color
F40FF2

Protanopia
4E88FF

Deuteranopia
568CE4



Tritanopia
E56066

Trichromacy



Original Color
F40FF2



Protanomaly
8A5CFA



Deuteranomaly
8F5FE9



Tritanomaly
EA4399

Monochromacy



Original Color
F40FF2



Achromatopsia
6D6D6D



Achromatomaly
9E4B9D

CSS Examples

Text

The CSS property to change the color of the text to Hex F40FF2 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 #F40FF2 looks like.

```
.text, #text, p{  
    color:#F40FF2  
}
```

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 #F40FF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F40FF2
}
```

Border

The CSS property to change the border of an element to Hex F40FF2 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
#F40FF2 }
```

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

```
.border{ border-color:#F40FF2 }
```

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

Here you see how a box with a 4 pixel #F40FF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F40FF2; -webkit-box-shadow:4px 4px  
4px 4px #F40FF2; box-shadow:4px 4px 4px  
4px #F40FF2 }
```

Background

The CSS property to change the background color of an element to Hex F40FF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F40FF2 }
```

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

```
.background{ background-color:#F40FF2 }
```

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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