

# Converting Colors

Hex(F402C2)

Have a look what the booklet for  
Hex(F402C2) contains.

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# Color

Hex(F402C2)

# Conversions

## Conversions Part 1

Format	Color
Hex	F402C2
RGB	244, 2, 194
RGB Percent	96%, 1%, 76%
CMY	0.0431, 0.9922, 0.2392
CMYK	0.00, 0.99, 0.20, 0.04
HSL	312°, 98%, 48%
HSV	312°, 99%, 96%
XYZ	47.0675, 23.1716, 53.0308
YIQ	96.2460, 82.6000, 111.0160

# Conversions

## Conversions Part 2

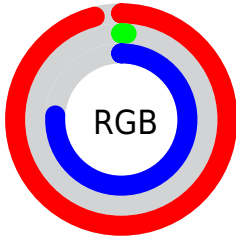
<b>Format</b>	<b>Color</b>
<b>RYB</b>	244, 2, 194
Decimal	15991490
CIELab	55.25, 88.47, -34.51
CIELCh	55, 94.965, 338.688
Yxy	23.1716, 0.3818, 0.1880
Android (android.graphics.Color)	4294181570 (0xFFFF402C2)
YUV	96.2460, 48.1927, 129.5803
Hunter-Lab	48.1368, 90.2954, -31.6220

# Details

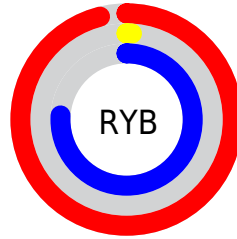
The Hex color **F402C2** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **02F434**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF65FB**, and **B7008C** is the 20% darker color. If you saturate the color by 10%, you get **F400C2**, and if you desaturate by 10%, it is **F41AC7**.

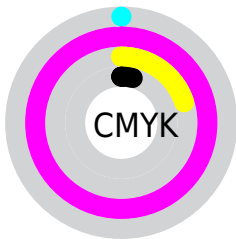
# Distribution



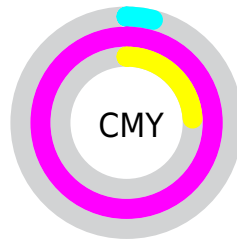
- Red (96%)
- Green (1%)
- Blue (76%)



- Red (96%)
- Yellow (1%)
- Blue (76%)



- Cyan (0%)
- Magenta (99%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (99%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F402C2 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 F402C2 by changing the saturation by 10% instead.



 F402C2

 F402C2

FFFFFF

 D500A7

 FF65FB

 B7008C

 FF85FF

 980072

 FFA4FF

 7B0059

 FFC2FF

 5D0041

 FFE1FF

 41002A

 230014

 000000

 F402C2

 F402C2

 F400C2

 F41AC7

 F433CC

 F44BD1

 F464D6

 F47CDB

 F494E0

 F4ADE5

 F4C5EA

 F4DEEF

# Harmonies

## Analogous

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



9D5FFF



F402C2



FF0071

# Triad

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



F402C2



8C8900



00A5EB

# Complementary

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



F402C2



02F434

# 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.



00A59B



F402C2



1B9A00

# Square

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



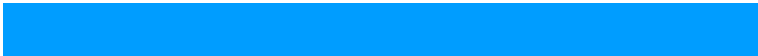
F402C2



CF6900



00A243



009DFF

# Rectangle

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



F402C2



FF003B



00A243



00A6D2



# Sweetspot

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



F402C2



FFB3EF



3202F4



805276



000000



808080



# Same Dimension

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



F402C2



FF00CA



F4024B



7A6E78



BA0094



3B002F



# Inverse Universe

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



F402C2



FF00CA



02F4AB



7A6E78



BA0094



3B002F



# Previews

## White Background



This preview shows how the Hex color F402C2 looks on a white background.

## Color Contrast Check

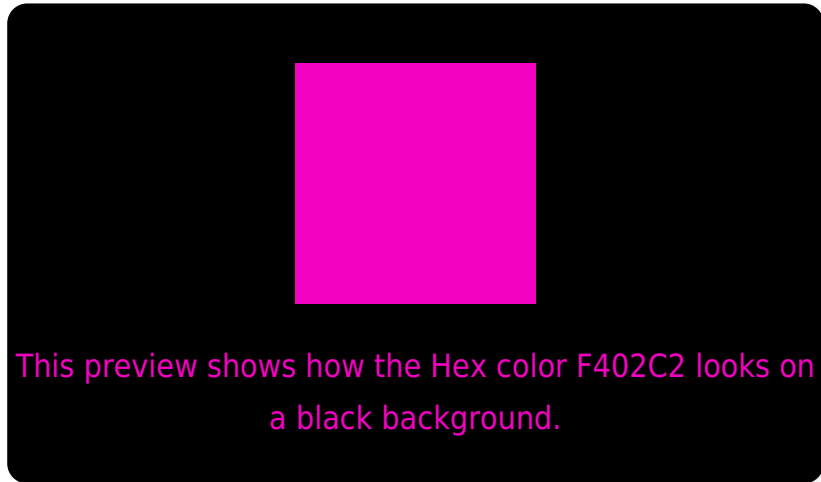
Large Text (above 18pt) WCAG AA ✓ Pass

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 F402C2 Background



This preview shows how black text looks on a background with the Hex color F402C2.



This preview shows how white text looks on a background with the Hex color F402C2.

# 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

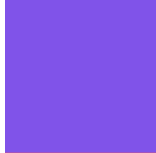




# Trichromacy



**Original Color**  
F402C2



**Protanomaly**  
8053E9



**Deuteranomaly**  
A455BA



**Tritanomaly**  
EE317A

# Monochromacy



**Original Color**  
F402C2



**Achromatopsia**  
606060



**Achromatomaly**  
963E84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F402C2 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 #F402C2 looks like.

```
.text, #text, p{  
    color:#F402C2  
}
```

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 #F402C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F402C2
}
```

## Border

The CSS property to change the border of an element to Hex F402C2 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
#F402C2 }
```

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

```
.border{ border-color:#F402C2 }
```

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

Here you see how a box with a 4 pixel #F402C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F402C2; -webkit-box-shadow:4px 4px  
4px 4px #F402C2; box-shadow:4px 4px 4px  
4px #F402C2 }
```

# Background

The CSS property to change the background color of an element to Hex F402C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F402C2 }
```

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

```
.background{ background-color:#F402C2 }
```

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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