

# Converting Colors

Hex(F40098)

Have a look what the booklet for  
Hex(F40098) contains.

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**Color**

**Hex(F40098)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F40098
RGB	244, 0, 152
RGB Percent	96%, 0%, 60%
CMY	0.0431, 1.0000, 0.4039
CMYK	0.00, 1.00, 0.38, 0.04
HSL	323°, 100%, 48%
HSV	323°, 100%, 96%
XYZ	42.9757, 21.5001, 31.5906
YIQ	90.2840, 96.6320, 99.0000

# Conversions

## Conversions Part 2

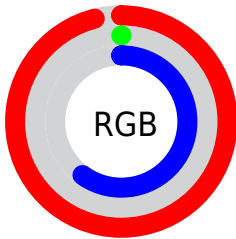
<b>Format</b>	<b>Color</b>
<b>RYB</b>	244, 0, 152
Decimal	15990936
CIELab	53.49, 84.23, -12.59
CIELCh	53, 85.163, 351.500
Yxy	21.5001, 0.4474, 0.2238
Android (android.graphics.Color)	4294181016 (0xFFFF40098)
YUV	90.2840, 30.4260, 134.8089
Hunter-Lab	46.3682, 84.2959, -7.9365

# Details

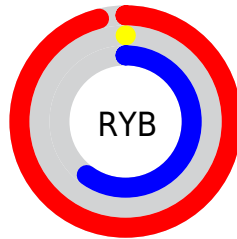
The Hex color **F40098** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **00F45C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF62CE**, and **B60065** is the 20% darker color. If you saturate the color by 10%, you get **F40098**, and if you desaturate by 10%, it is **F418A1**.

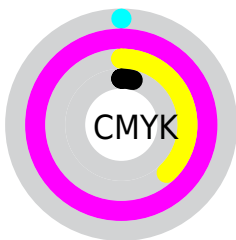
# Distribution



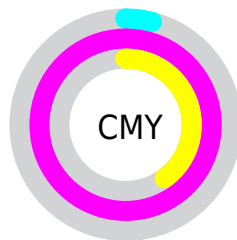
- Red (96%)
- Green (0%)
- Blue (60%)



- Red (96%)
- Yellow (0%)
- Blue (60%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F40098 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 F40098 by changing the saturation by 10% instead.



 F40098

 F40098

FFFFFF

 D5007E

 FF62CE

 B60065

 FF82EA

 97004D

 FFA1FF

 790036

 FFBFFF

 5B0021

 FFDEFF

 3E0006

 FFDFFF

 1A0001

 000000

 F40098

 F418A1

 F431AA

 F449B4

 F462BD

 F47AC6

 F492CF

 F4ABD8

 F4C3E2

 F4DCEB

# Harmonies

## Analogous

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



C04BDD



F40098



FB1450

# Triad

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



F40098



698C00



009BF3

# Complementary

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



F40098



00F45C

# 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.



009EB4



F40098



00980E

# Square

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



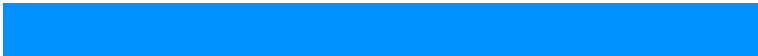
F40098



AD7500



009D68



0090FF

# Rectangle

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



F40098



EB401E



009D68



009DE1



# Sweetspot

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



F40098



FFB3E2



5900F4



80526E



000000



808080



# Same Dimension

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



F40098



FF009F



F40021



7A6E76



BA0074



3B0025



# Inverse Universe

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



F40098



FF009F



00F4D3



7A6E76



BA0074



3B0025



# Previews

## White Background



This preview shows how the Hex color F40098 looks on a white background.

## Color Contrast Check

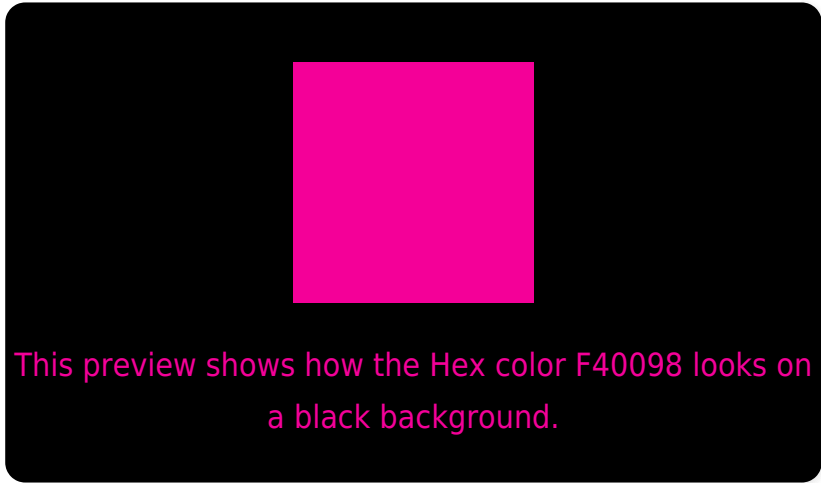
Large Text (above 18pt) WCAG AA ✓ Pass

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 F40098 Background



This preview shows how black text looks on a background with the Hex color F40098.

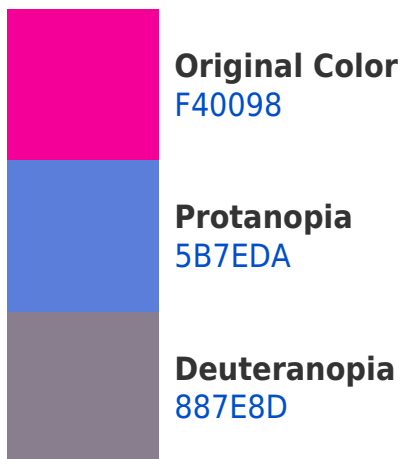


This preview shows how white text looks on a background with the Hex color F40098.

# 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**  
F40098



**Protanomaly**  
9350C2



**Deuteranomaly**  
AF5091



**Tritanomaly**  
F1265F

# Monochromacy



**Original Color**  
F40098



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
923971

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F40098 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 #F40098 looks like.

```
.text, #text, p{  
    color:#F40098  
}
```

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 #F40098 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F40098
}
```

## Border

The CSS property to change the border of an element to Hex F40098 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
#F40098 }
```

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

```
.border{ border-color:#F40098 }
```

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

Here you see how a box with a 4 pixel #F40098 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F40098; -webkit-box-shadow:4px 4px  
4px 4px #F40098; box-shadow:4px 4px 4px  
4px #F40098 }
```

# Background

The CSS property to change the background color of an element to Hex F40098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F40098 }
```

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

```
.background{ background-color:#F40098 }
```

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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