

# Converting Colors

Hex(F30C98)

Have a look what the booklet for  
Hex(F30C98) contains.

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**Color**

**Hex(F30C98)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F30C98
RGB	243, 12, 152
RGB Percent	95%, 5%, 60%
CMY	0.0471, 0.9529, 0.4039
CMYK	0.00, 0.95, 0.37, 0.05
HSL	324°, 91%, 50%
HSV	324°, 95%, 95%
XYZ	42.7611, 21.5846, 31.6183
YIQ	97.0290, 92.7360, 92.5120

# Conversions

## Conversions Part 2

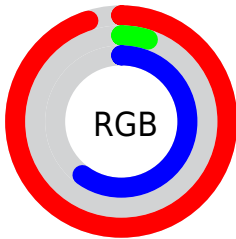
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 12, 152
Decimal	15928472
CIE <sub>Lab</sub>	53.58, 83.20, -12.47
CIE <sub>LCh</sub>	54, 84.125, 351.476
Yxy	21.5846, 0.4456, 0.2249
Android (android.graphics.Color)	4294118552 (0xFFFF30C98)
YUV	97.0290, 27.1007, 128.0166
Hunter-Lab	46.4593, 82.9877, -7.8288

# Details

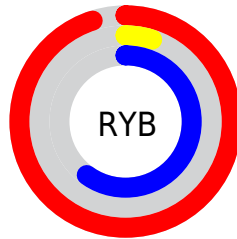
The Hex color **F30C98** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **0CF367**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF64CE**, and **B50065** is the 20% darker color. If you saturate the color by 10%, you get **F30093**, and if you desaturate by 10%, it is **F324A2**.

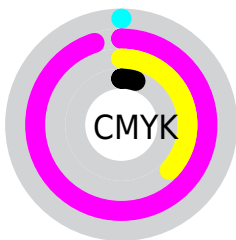
# Distribution



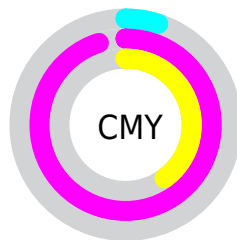
- Red (95%)
- Green (5%)
- Blue (60%)



- Red (95%)
- Yellow (5%)
- Blue (60%)



- Cyan (0%)
- Magenta (95%)
- Yellow (37%)
- Black (5%)



- Cyan (5%)
- Magenta (95%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F30C98 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 F30C98 by changing the saturation by 10% instead.



 F30C98

 F30C98

FFFFFF

 D4007E

 FF64CE

 B50065

 FF84EA

 96004D

 FFA3FF

 780036

 FFC1FF

 5A0021

 FFE0FF

 3D0006

FFFEFF

 190001

 000000

 F30C98

 F30C98

 F30093

 F324A2

 F33DAB

 F355B5

 F36DBE

 F385C8

 F39ED1

 F3B6DB

 F3CEE5

 F3E7EE

# Harmonies

## Analogous

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



C04DDC



F30C98



FA1A50

# Triad

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



F30C98



6A8C00



009BF2

# Complementary

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



F30C98



0CF367

# 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



F30C98



009811

# Square

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



F30C98



AD7600



009D68



0090FF

# Rectangle

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



F30C98



EB4220



009D68



009DE0



# Sweetspot

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



F30C98



FFB5E2



650CF3



80536E



000000



808080



# Same Dimension

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



F30C98



FF009B



F30C27



7A6E76



BA0071



3B0024



# Inverse Universe

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



F30C98



FF009B



0CF3D8



7A6E76



BA0071



3B0024



# Previews

## White Background



This preview shows how the Hex color F30C98 looks on a white background.

## Color Contrast Check

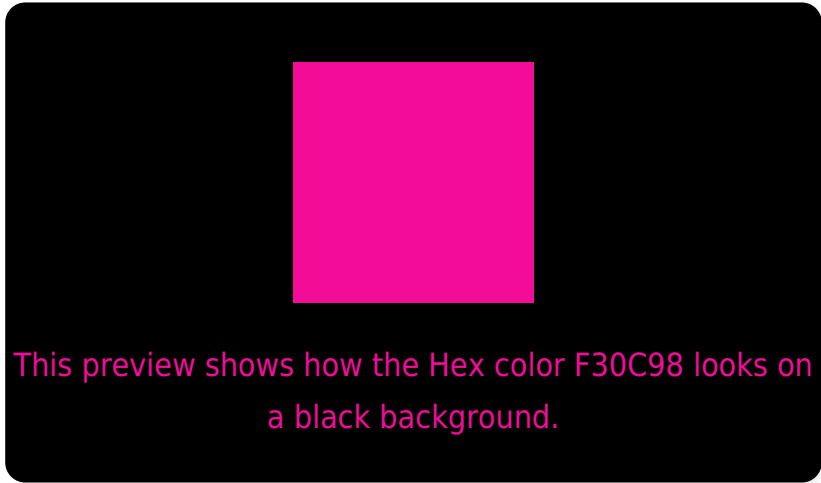
Large Text (above 18pt) WCAG AA ✓ Pass

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 F30C98 Background



This preview shows how black text looks on a background with the Hex color F30C98.

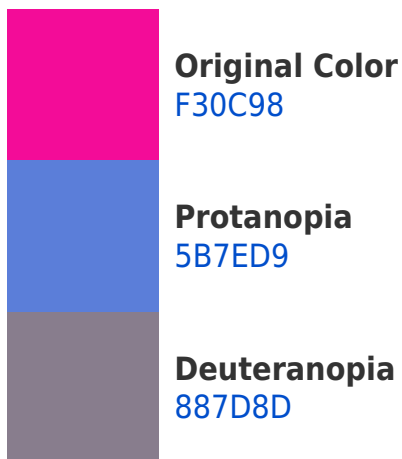


This preview shows how white text looks on a background with the Hex color F30C98.

# 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**  
EE3D3F

# Trichromacy



**Original Color**  
F30C98



**Protanomaly**  
9255C1



**Deuteranomaly**  
AF5491



**Tritanomaly**  
F02B5F

# Monochromacy



**Original Color**  
F30C98



**Achromatopsia**  
616161



**Achromatomaly**  
964275

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F30C98 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 #F30C98 looks like.

```
.text, #text, p{  
    color:#F30C98  
}
```

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 #F30C98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F30C98
}
```

## Border

The CSS property to change the border of an element to Hex F30C98 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
#F30C98 }
```

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

```
.border{ border-color:#F30C98 }
```

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

Here you see how a box with a 4 pixel #F30C98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F30C98; -webkit-box-shadow:4px 4px  
4px 4px #F30C98; box-shadow:4px 4px 4px  
4px #F30C98 }
```

# Background

The CSS property to change the background color of an element to Hex F30C98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F30C98 }
```

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

```
.background{ background-color:#F30C98 }
```

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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