

# Converting Colors

Hex(F0008F)

Have a look what the booklet for  
Hex(F0008F) contains.

<b>Hex(F0008F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F0008F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0008F
RGB	240, 0, 143
RGB Percent	94%, 0%, 56%
CMY	0.0588, 1.0000, 0.4392
CMYK	0.00, 1.00, 0.40, 0.06
HSL	324°, 100%, 47%
HSV	324°, 100%, 94%
XYZ	40.8931, 20.5084, 27.7898
YIQ	88.0620, 97.1370, 95.3530

# Conversions

## Conversions Part 2

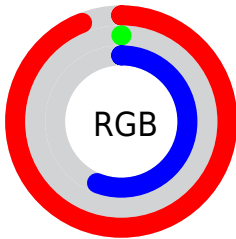
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 0, 143
Decimal	15728783
CIE <sub>Lab</sub>	52.41, 82.60, -8.92
CIE <sub>LCh</sub>	52, 83.084, 353.836
Yxy	20.5084, 0.4585, 0.2299
Android (android.graphics.Color)	4293918863 (0xFFFF008F)
YUV	88.0620, 27.0844, 133.2496
Hunter-Lab	45.2862, 81.9331, -4.6828

# Details

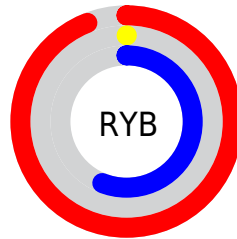
The Hex color **F008F** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark saturated rose. A complement of this color would be **00F061**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF61C5**, and **B2005D** is the 20% darker color. If you saturate the color by 10%, you get **F008F**, and if you desaturate by 10%, it is **F01899**.

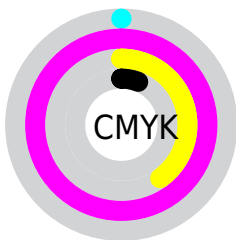
# Distribution



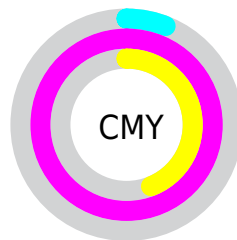
- Red (94%)
- Green (0%)
- Blue (56%)



- Red (94%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0008F 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 F0008F by changing the saturation by 10% instead.



 F0008F

 F0008F

FFFFFF

 D10075

 FF61C5

 B2005D

 FF81E1

 930045

 FF9FFD

 75002F

 FFBEFF

 57001B

 FFDCFF

 390002

 FFFBFF

 100000

 000000

 F0008F

 F01899

 F030A2

 F048AC

 F060B6

 F078BF

 F090C9

 F0A8D3

 F0C0DD

 F0D8E6

# Harmonies

## Analogous

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



C246D2



F0008F



F41D49

# Triad

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



F0008F



618A00



0097F1

# Complementary

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



F0008F



00F061

# 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.



009BB5



F0008F



00951A

# Square

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



F0008F



A47500



009A6C



008BFF

# Rectangle

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



F0008F



E34317



009A6C



0099DF



# Sweetspot

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



F0008F



FFB3E0



6000F0



80526D



000000



808080



# Same Dimension

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



F0008F



FF0098



F00018



786C73



B8006D



380021



# Inverse Universe

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



F0008F



FF0098



00F0D8



786C73



B8006D



380021



# Previews

## White Background



This preview shows how the Hex color F008F looks on a white background.

## Color Contrast Check

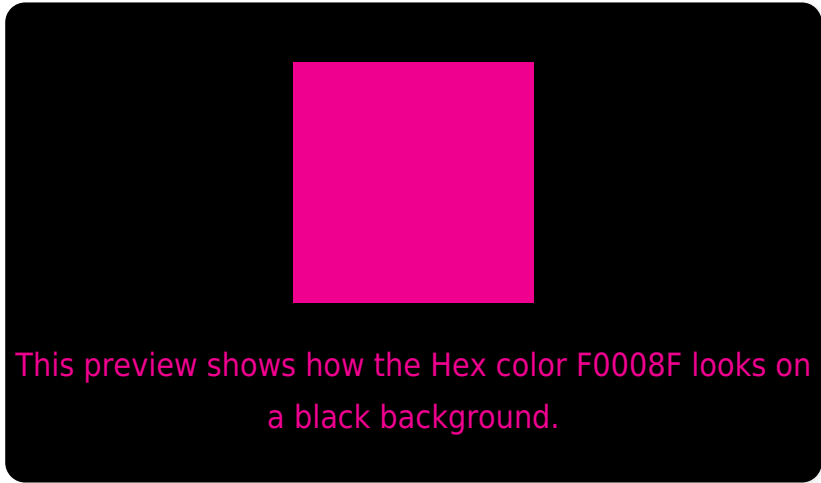
Large Text (above 18pt) WCAG AA ✓ Pass

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 F008F Background



This preview shows how black text looks on a background with the Hex color F008F.



This preview shows how white text looks on a background with the Hex color F008F.

# 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**  
F0008F



**Protanomaly**  
944FB6



**Deuteranomaly**  
AE4E89



**Tritanomaly**  
ED2459

# Monochromacy



**Original Color**  
F0008F



**Achromatopsia**  
585858



**Achromatomaly**  
8F386C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0008F 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 #F0008F looks like.

```
.text, #text, p{  
    color:#F0008F  
}
```

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 #F0008F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0008F
}
```

## Border

The CSS property to change the border of an element to Hex F0008F 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
#F0008F }
```

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

```
.border{ border-color:#F0008F }
```

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

Here you see how a box with a 4 pixel #F0008F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0008F; -webkit-box-shadow:4px 4px  
4px 4px #F0008F; box-shadow:4px 4px 4px  
4px #F0008F }
```

# Background

The CSS property to change the background color of an element to Hex F0008F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0008F }
```

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

```
.background{ background-color:#F0008F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor