

# Converting Colors

Hex(F3008F)

Have a look what the booklet for  
Hex(F3008F) contains.

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**Color**

**Hex(F3008F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3008F
RGB	243, 0, 143
RGB Percent	95%, 0%, 56%
CMY	0.0471, 1.0000, 0.4392
CMYK	0.00, 1.00, 0.41, 0.05
HSL	325°, 100%, 48%
HSV	325°, 100%, 95%
XYZ	41.9201, 21.0379, 27.8379
YIQ	88.9590, 98.9250, 95.9890

# Conversions

## Conversions Part 2

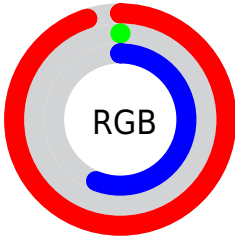
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 0, 143
Decimal	15925391
CIE <sub>Lab</sub>	52.99, 83.22, -7.99
CIE <sub>LCh</sub>	53, 83.604, 354.518
Yxy	21.0379, 0.4617, 0.2317
Android (android.graphics.Color)	4294115471 (0xFF3008F)
YUV	88.9590, 26.6422, 135.0940
Hunter-Lab	45.8670, 82.8723, -3.8777

# Details

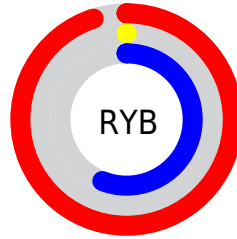
The Hex color **F3008F** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark saturated rose. A complement of this color would be **00F364**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF62C5**, and **B4005D** is the 20% darker color. If you saturate the color by 10%, you get **F3008F**, and if you desaturate by 10%, it is **F31899**.

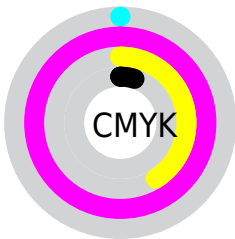
# Distribution



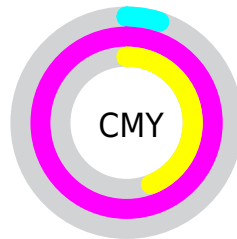
- Red (95%)
- Green (0%)
- Blue (56%)



- Red (95%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3008F 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 F3008F by changing the saturation by 10% instead.



 F3008F

 F3008F

FFFFFF

 D40075

 FF62C5

 B4005D

 FF81E1

 960045

 FFA0FD

 77002F

 FF8FFF

 5A001B

 FFDDFF

 3C0003

 FFFCFF

 160000

 000000

 F3008F

 F31899

 F331A3

 F349AD

 F361B7

 F379C1

 F392CB

 F3AAD5

 F3C2DF

 F3DBE9

# Harmonies

## Analogous

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



C546D3



F3008F



F62048

# Triad

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



F3008F



608C00



0099F4

# Complementary

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



F3008F



00F364

# 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.



009DB9



F3008F



00971D

# Square

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



F3008F



A57700



009B6F



008CFF

# Rectangle

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



F3008F



E54616



009B6F



009BE3



# Sweetspot

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



F3008F



FFB3E0



6100F3



80526D



000000



808080



# Same Dimension

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



F3008F



FF0096



F30018



7A6E75



BA006E



3B0023



# Inverse Universe

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



F3008F



FF0096



00F3DB



7A6E75



BA006E



3B0023



# Previews

## White Background



This preview shows how the Hex color F3008F looks on a white background.

## Color Contrast Check

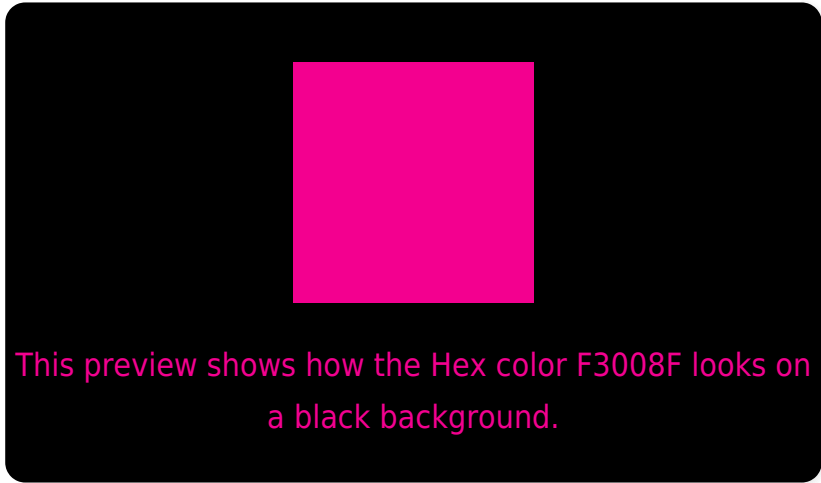
Large Text (above 18pt) WCAG AA ✓ Pass

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 F3008F Background



This preview shows how black text looks on a background with the Hex color F3008F.



This preview shows how white text looks on a background with the Hex color F3008F.

# 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**  
F3008F



**Protanomaly**  
9650B6



**Deuteranomaly**  
B04F89



**Tritanomaly**  
F02459

# Monochromacy



**Original Color**  
F3008F



**Achromatopsia**  
595959



**Achromatomaly**  
91396D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3008F 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 #F3008F looks like.

```
.text, #text, p{  
    color:#F3008F  
}
```

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 #F3008F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3008F
}
```

## Border

The CSS property to change the border of an element to Hex F3008F 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
#F3008F }
```

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

```
.border{ border-color:#F3008F }
```

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

Here you see how a box with a 4 pixel #F3008F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3008F; -webkit-box-shadow:4px 4px  
4px 4px #F3008F; box-shadow:4px 4px 4px  
4px #F3008F }
```

# Background

The CSS property to change the background color of an element to Hex F3008F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3008F }
```

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

```
.background{ background-color:#F3008F }
```

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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