

# Converting Colors

Hex(F8008D)

Have a look what the booklet for  
Hex(F8008D) contains.

<b>Hex(F8008D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(F8008D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8008D
RGB	248, 0, 141
RGB Percent	97%, 0%, 55%
CMY	0.0275, 1.0000, 0.4471
CMYK	0.00, 1.00, 0.43, 0.03
HSL	326°, 100%, 49%
HSV	326°, 100%, 97%
XYZ	43.5191, 21.8795, 27.1288
YIQ	90.2260, 102.5470, 96.4270

# Conversions

## Conversions Part 2

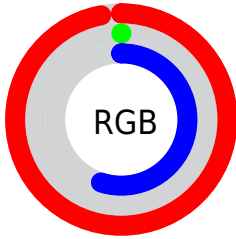
Format	Color
R <sub>Y</sub> B	248, 0, 141
Decimal	16253069
CIE Lab	53.90, 84.09, -5.33
CIE LCh	54, 84.256, 356.370
Yxy	21.8795, 0.4703, 0.2365
Android (android.graphics.Color)	4294443149 (0xFFFF8008D)
YUV	90.2260, 25.0316, 138.3678
Hunter-Lab	46.7756, 84.2158, -1.6439

# Details

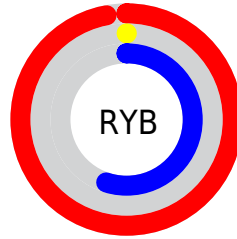
The Hex color **F8008D** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark saturated rose. A complement of this color would be **00F86B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF63C2**, and **B9005B** is the 20% darker color. If you saturate the color by 10%, you get **F8008D**, and if you desaturate by 10%, it is **F81998**.

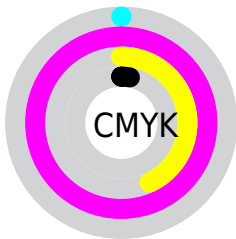
# Distribution



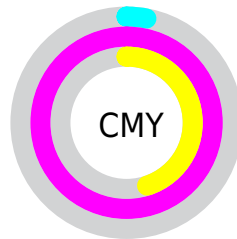
- Red (97%)
- Green (0%)
- Blue (55%)



- Red (97%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F8008D 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 F8008D by changing the saturation by 10% instead.



 F8008D

 F8008D

FFFFFF

 D80074

 FF63C2

 B9005B

 FF83DE

 9A0044

 FFA1FB

 7B002E

 FFC0FF

 5D001A

 FFDFFF

 3F0003

 FFFDFF

 1C0001

 000000

 F8008D

 F81998

 F832A2

 F84AAD

 F863B8

 F87CC3

 F895CD

 F8AED8

 F8C6E3

 F8DFED

# Harmonies

## Analogous

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



CD45D3



F8008D



F82646

# Triad

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



F8008D



5D8F00



009BFA

# Complementary

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



F8008D



00F86B

# 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.



009FC0



F8008D



009A25

# Square

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



F8008D



A47B00



009E76



008DFF

# Rectangle

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



F8008D



E64B10



009E76



009DEA



# Sweetspot

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



F8008D



FFB3DE



6700F8



80526C



000000



808080



# Same Dimension

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



F8008D



FF0091



F80015



7D7078



BD006B



3D0023



# Inverse Universe

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



F8008D



FF0091



00F8E3



7D7078



BD006B



3D0023



# Previews

## White Background



This preview shows how the Hex color F8008D looks on a white background.

## Color Contrast Check

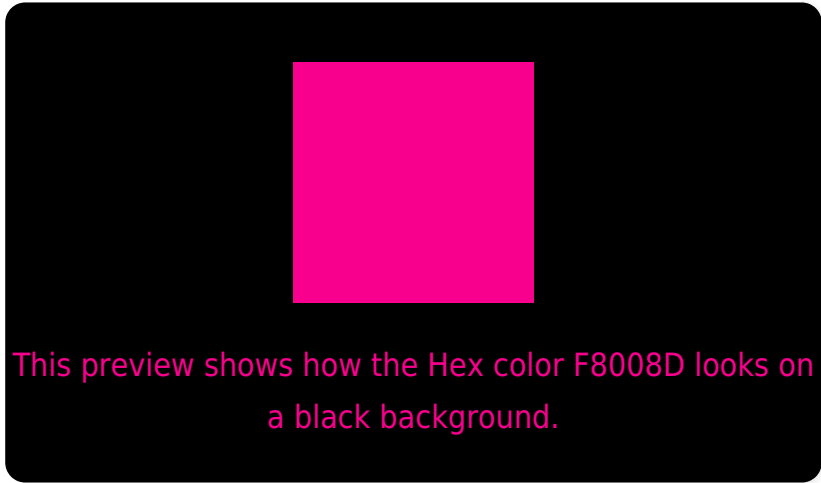
Large Text (above 18pt) WCAG AA ✓ Pass

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 F8008D Background



This preview shows how black text looks on a background with the Hex color F8008D.



This preview shows how white text looks on a background with the Hex color F8008D.

# 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**  
F33839

# Trichromacy



**Original Color**  
F8008D



**Protanomaly**  
9C51B4



**Deuteranomaly**  
B55086



**Tritanomaly**  
F52458

# Monochromacy



**Original Color**  
F8008D



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
93396D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F8008D 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 #F8008D looks like.

```
.text, #text, p{  
    color:#F8008D  
}
```

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 #F8008D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8008D
}
```

## Border

The CSS property to change the border of an element to Hex F8008D 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
#F8008D }
```

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

```
.border{ border-color:#F8008D }
```

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

Here you see how a box with a 4 pixel #F8008D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8008D; -webkit-box-shadow:4px 4px  
4px 4px #F8008D; box-shadow:4px 4px 4px  
4px #F8008D }
```

# Background

The CSS property to change the background color of an element to Hex F8008D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8008D }
```

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

```
.background{ background-color:#F8008D }
```

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