

# Converting Colors

Hex(FF0C8F)

Have a look what the booklet for  
Hex(FF0C8F) contains.

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**Color**

**Hex(F0C8F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF0C8F
RGB	255, 12, 143
RGB Percent	100%, 5%, 56%
CMY	0.0000, 0.9529, 0.4392
CMYK	0.00, 0.95, 0.44, 0.00
HSL	328°, 100%, 52%
HSV	328°, 95%, 100%
XYZ	46.3294, 23.5061, 28.0819
YIQ	99.5910, 102.7770, 92.2570

# Conversions

## Conversions Part 2

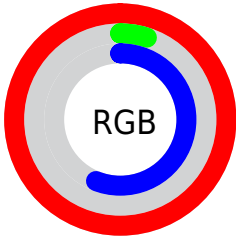
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 12, 143
Decimal	16714895
CIE <sub>Lab</sub>	55.59, 84.92, -3.88
CIE <sub>LCh</sub>	56, 85.010, 357.387
Yxy	23.5061, 0.4731, 0.2401
Android (android.graphics.Color)	4294904975 (0xFFFF0C8F)
YUV	99.5910, 21.4006, 136.2937
Hunter-Lab	48.4831, 85.7253, -0.4032

# Details

The Hex color **FF0C8F** 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 **0CFF7C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF66C5**, and **C0005D** is the 20% darker color. If you saturate the color by 10%, you get **FF0089**, and if you desaturate by 10%, it is **FF269B**.

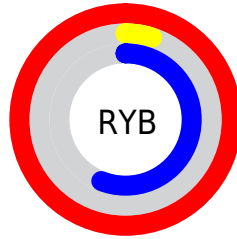
# Distribution



Red (100%)

Green (5%)

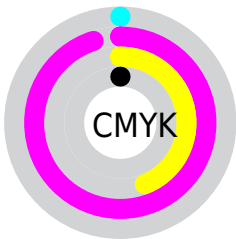
Blue (56%)



Red (100%)

Yellow (5%)

Blue (56%)

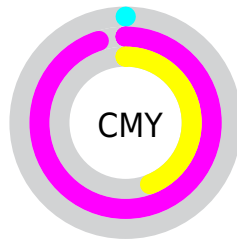


Cyan (0%)

Magenta (95%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (95%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF0C8F 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 FF0C8F by changing the saturation by 10% instead.



 FF0C8F

 FF0C8F

FFFFFF

 DF0075

 FF66C5

 C0005D

 FF86E0

 A10046

 FFA5FD

 820030

 FFC4FF

 63001B

 FFE3FF

 460003

 240001

 000000

 FF0C8F

 FF0C8F

 FF0089

 FF269B

 FF3FA7

 FF59B2

 FF72BE

 FF8CCA

 FFA5D6

 FFBFE1

 FFD8ED

 FFF2F9

# Harmonies

## Analogous

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



D547D6



FF0C8F



FE2E47

# Triad

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



FF0C8F



5F9400



00A0FF

# Complementary

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



FF0C8F



0CFF7C

# 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.



00A4C8



FF0C8F



009F2C

# Square

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



FF0C8F



A78000



00A37C



0091FF

# Rectangle

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



FF0C8F



EB5010



00A37C



00A2F2



# Sweetspot

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



FF0C8F



FFB5DD



790CFF



80536B



000000



808080



# Same Dimension

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



FF0C8F



FF0089



FF0C18



80737A



BF0067



400022



# Inverse Universe

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



FF0C8F



FF0089



0CFFF3



80737A



BF0067



400022



# Previews

## White Background



This preview shows how the Hex color FF0C8F looks on a white background.

## Color Contrast Check

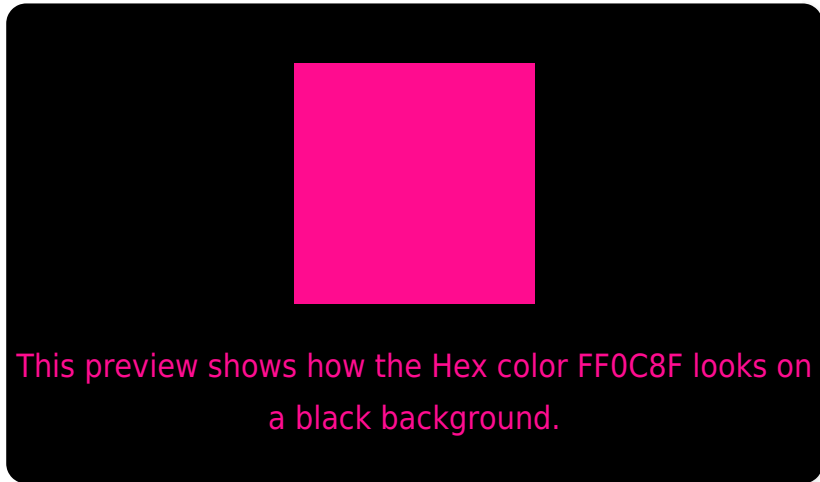
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0C8F Background



This preview shows how black text looks on a background with the Hex color FF0C8F.



This preview shows how white text looks on a background with the Hex color FF0C8F.

# 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**  
FA393B

# Trichromacy



**Original Color**  
FF0C8F



**Protanomaly**  
A158B6



**Deuteranomaly**  
BA5788



**Tritanomaly**  
FC295A

# Monochromacy



**Original Color**  
FF0C8F



**Achromatopsia**  
646464



**Achromatomaly**  
9C4474

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF0C8F 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 #FF0C8F looks like.

```
.text, #text, p{  
    color:#FF0C8F  
}
```

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 #FF0C8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0C8F
}
```

## Border

The CSS property to change the border of an element to Hex FF0C8F 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
#FF0C8F }
```

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

```
.border{ border-color:#FF0C8F }
```

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

Here you see how a box with a 4 pixel #FF0C8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0C8F; -webkit-box-shadow:4px 4px  
4px 4px #FF0C8F; box-shadow:4px 4px 4px  
4px #FF0C8F }
```

# Background

The CSS property to change the background color of an element to Hex FF0C8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0C8F }
```

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

```
.background{ background-color:#FF0C8F }
```

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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