

# Converting Colors

Hex(F71090)

Have a look what the booklet for  
Hex(F71090) contains.

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**Color**

**Hex(F71090)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F71090
RGB	247, 16, 144
RGB Percent	97%, 6%, 56%
CMY	0.0314, 0.9373, 0.4353
CMYK	0.00, 0.94, 0.42, 0.03
HSL	327°, 94%, 52%
HSV	327°, 94%, 97%
XYZ	43.5771, 22.1584, 28.3658
YIQ	99.6610, 96.5880, 88.7800

# Conversions

## Conversions Part 2

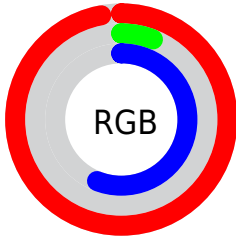
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 16, 144
Decimal	16191632
CIE <sub>Lab</sub>	54.19, 82.98, -6.71
CIE <sub>LCh</sub>	54, 83.254, 355.378
Yxy	22.1584, 0.4631, 0.2355
Android (android.graphics.Color)	4294381712 (0xFFFF71090)
YUV	99.6610, 21.8591, 129.2163
Hunter-Lab	47.0727, 82.8676, -2.7770

# Details

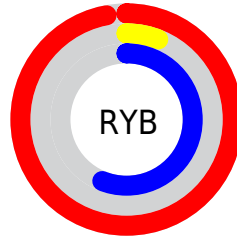
The Hex color **F71090** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **10F777**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF66C6**, and **B8005E** is the 20% darker color. If you saturate the color by 10%, you get **F70089**, and if you desaturate by 10%, it is **F7299B**.

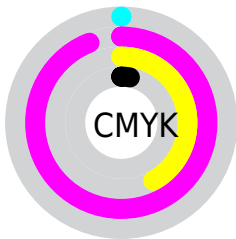
# Distribution



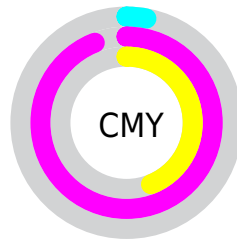
- Red (97%)
- Green (6%)
- Blue (56%)



- Red (97%)
- Yellow (6%)
- Blue (56%)



- Cyan (0%)
- Magenta (94%)
- Yellow (42%)
- Black (3%)



- Cyan (3%)
- Magenta (94%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F71090 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 F71090 by changing the saturation by 10% instead.



 F71090

 F71090

FFFFFF

 D80076

 FF66C6

 B8005E

 FF85E2

 990046

 FFA4FE

 7B0030

 FFC2FF

 5D001C

 FFE1FF

 3F0003

 1C0001

 000000

 F71090

 F71090

 F70089

 F7299B

 F741A6

 F75AB1

 F773BC

 F78BC7

 F7A4D2

 F7BDDD

 F7D6E8

 F7EEF3

# Harmonies

## Analogous

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



CB49D5



F71090



F92949

# Triad

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



F71090



628F00



009CF8

# Complementary

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



F71090



10F777

# 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.



00A0BE



F71090



009A24

# Square

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



F71090



A77B00



009F74



008FFF

# Rectangle

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



F71090



E84B17



009F74



009EE8



# Sweetspot

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



F71090



FFB8DF



7410F7



80546C



000000



808080



# Same Dimension

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



F71090



FF008D



F7101F



7A6E75



BA0067



3B0020



# Inverse Universe

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



F71090



FF008D



10F7E8



7A6E75



BA0067



3B0020



# Previews

## White Background



This preview shows how the Hex color F71090 looks on a white background.

## Color Contrast Check

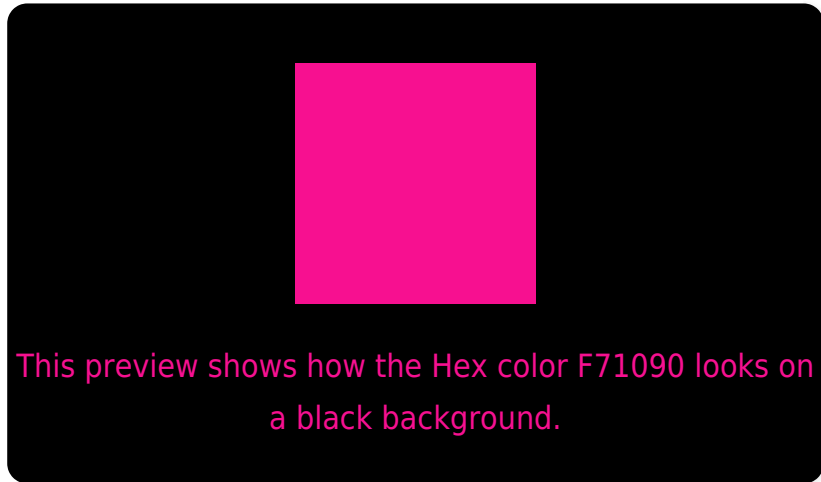
Large Text (above 18pt) WCAG AA ✓ Pass

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 F71090 Background



This preview shows how black text looks on a background with the Hex color F71090.



This preview shows how white text looks on a background with the Hex color F71090.

# 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**  
F71090



**Protanomaly**  
9A57B7



**Deuteranomaly**  
B45689



**Tritanomaly**  
F42B5B

# Monochromacy



**Original Color**  
F71090



**Achromatopsia**  
646464



**Achromatomaly**  
994574

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F71090 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 #F71090 looks like.

```
.text, #text, p{  
    color:#F71090  
}
```

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 #F71090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F71090
}
```

## Border

The CSS property to change the border of an element to Hex F71090 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
#F71090 }
```

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

```
.border{ border-color:#F71090 }
```

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

Here you see how a box with a 4 pixel #F71090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F71090; -webkit-box-shadow:4px 4px  
4px 4px #F71090; box-shadow:4px 4px 4px  
4px #F71090 }
```

# Background

The CSS property to change the background color of an element to Hex F71090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F71090 }
```

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

```
.background{ background-color:#F71090 }
```

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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