

# Converting Colors

Hex(F70091)

Have a look what the booklet for  
Hex(F70091) contains.

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**Color**

**Hex(F70091)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F70091
RGB	247, 0, 145
RGB Percent	97%, 0%, 57%
CMY	0.0314, 1.0000, 0.4314
CMYK	0.00, 1.00, 0.41, 0.03
HSL	325°, 100%, 48%
HSV	325°, 100%, 97%
XYZ	43.4686, 21.8185, 28.7084
YIQ	90.3830, 100.6670, 97.4590

# Conversions

## Conversions Part 2

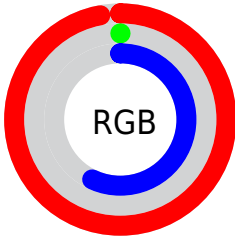
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 0, 145
Decimal	16187537
CIE <sub>Lab</sub>	53.83, 84.22, -7.84
CIE <sub>LCh</sub>	54, 84.582, 354.679
Yxy	21.8185, 0.4625, 0.2321
Android (android.graphics.Color)	4294377617 (0xFFFF70091)
YUV	90.3830, 26.9262, 137.3531
Hunter-Lab	46.7103, 84.3693, -3.7428

# Details

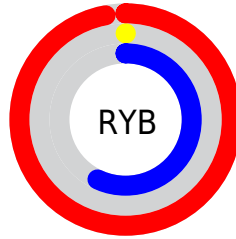
The Hex color **F70091** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **00F766**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF63C7**, and **B8005F** is the 20% darker color. If you saturate the color by 10%, you get **F70091**, and if you desaturate by 10%, it is **F7199B**.

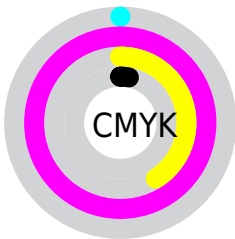
# Distribution



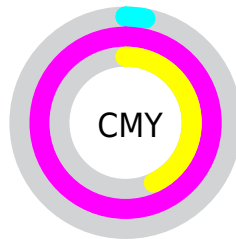
- Red (97%)
- Green (0%)
- Blue (57%)



- Red (97%)
- Yellow (0%)
- Blue (57%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (3%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color F70091 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 F70091 by changing the saturation by 10% instead.



 F70091

 F70091

FFFFFF

 D70077

 FF63C7

 B8005F

 FF83E3

 990047

 FFA1FF

 7B0031

 FFC0FF

 5D001C

 FFDEFF

 3F0003

 FFFDFF

 1C0001

 000000

 F70091

 F7199B

 F731A5

 F74AB0

 F763BA

 F77CC4

 F794CE

 F7ADD8

 F7C6E3

 F7DEED

# Harmonies

## Analogous

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



C947D6



F70091



FA2149

# Triad

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



F70091



628E00



009BF8

# Complementary

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



F70091



00F766

# 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.



009FBC



F70091



00991F

# Square

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



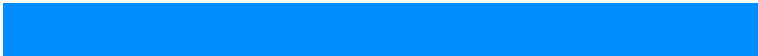
F70091



A77900



009E71



008EFF

# Rectangle

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



F70091



E84716



009E71



009DE7



# Sweetspot

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



F70091



FFB3DF



6300F7



80526D



000000



808080



# Same Dimension

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



F70091



FF0096



F70019



7A6E75



BA006D



3B0022



# Inverse Universe

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



F70091



FF0096



00F7DE



7A6E75



BA006D



3B0022



# Previews

## White Background



This preview shows how the Hex color F70091 looks on a white background.

## Color Contrast Check

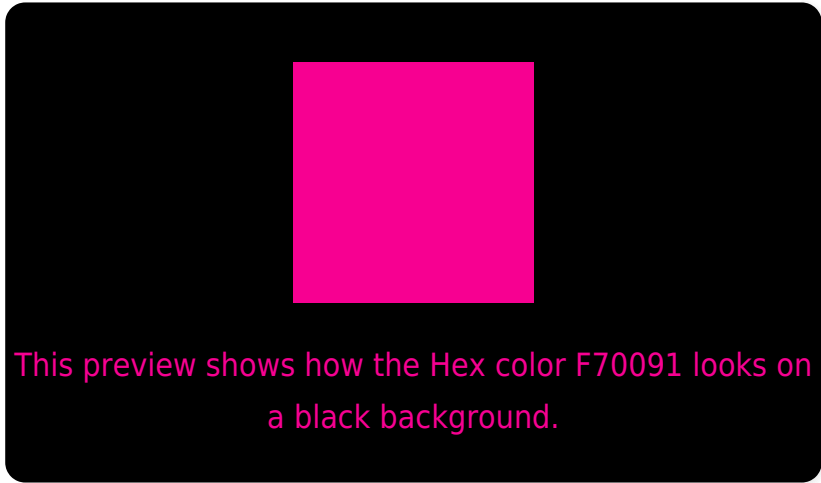
Large Text (above 18pt) WCAG AA ✓ Pass

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 F70091 Background



This preview shows how black text looks on a background with the Hex color F70091.



This preview shows how white text looks on a background with the Hex color F70091.

# 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**  
F2393B

# Trichromacy



**Original Color**  
F70091



**Protanomaly**  
9951B9



**Deuteranomaly**  
B4508A

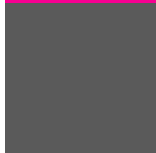


**Tritanomaly**  
F4245A

# Monochromacy



**Original Color**  
F70091



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
93396E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F70091 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 #F70091 looks like.

```
.text, #text, p{  
    color:#F70091  
}
```

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 #F70091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F70091
}
```

## Border

The CSS property to change the border of an element to Hex F70091 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
#F70091 }
```

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

```
.border{ border-color:#F70091 }
```

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

Here you see how a box with a 4 pixel #F70091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F70091; -webkit-box-shadow:4px 4px  
4px 4px #F70091; box-shadow:4px 4px 4px  
4px #F70091 }
```

# Background

The CSS property to change the background color of an element to Hex F70091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F70091 }
```

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

```
.background{ background-color:#F70091 }
```

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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