

# Converting Colors

Hex(F70039)

Have a look what the booklet for  
Hex(F70039) contains.

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**Color**

**Hex(F70039)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F70039                     |
| RGB         | 247, 0, 57                 |
| RGB Percent | 97%, 0%, 22%               |
| CMY         | 0.0314, 1.0000, 0.7765     |
| CMYK        | 0.00, 1.00, 0.77, 0.03     |
| HSL         | 346°, 100%, 48%            |
| HSV         | 346°, 100%, 97%            |
| XYZ         | 39.0963, 20.0696, 5.6841   |
| YIQ         | 80.3510, 128.9150, 70.0910 |

# Conversions

## Conversions Part 2

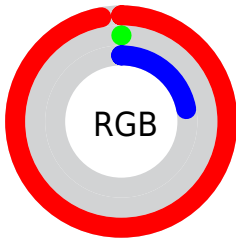
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">247, 0, 57</a>                  |
| Decimal                             | <a href="#">16187449</a>                    |
| CIELab                              | <a href="#">51.92, 79.11, 42.35</a>         |
| CIElCh                              | <a href="#">52, 89.732, 28.160</a>          |
| Yxy                                 | <a href="#">20.0696, 0.6029, 0.3095</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4294377529</a><br>(0xFFFF70039) |
| YUV                                 | <a href="#">80.3510, -11.5120, 146.1512</a> |
| Hunter-Lab                          | <a href="#">44.7991, 77.3792, 23.8366</a>   |

# Details

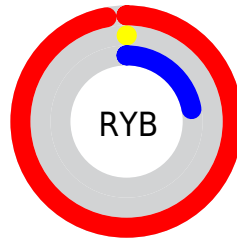
The Hex color **F70039** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **00F7BE**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF6068**, and **B5000F** is the 20% darker color. If you saturate the color by 10%, you get **F70039**, and if you desaturate by 10%, it is **F7194C**.

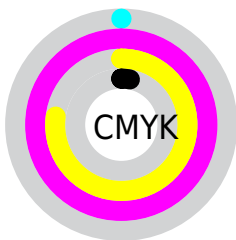
# Distribution



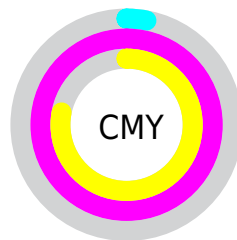
- Red (97%)
- Green (0%)
- Blue (22%)



- Red (97%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F70039 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 F70039 by changing the saturation by 10% instead.



 F70039

 F70039

FFFFFF

 D60023

 FF6068

 B5000F

 FF7F82

 940000

 FF9D9C

 740002

 FFBCB7

 550004

 FFDAD2

 350002

 FFF9EF

 030000

 000000

 F70039

 F7194C

 F7315F

 F74A72

 F76385

 F77C98

 F794AB

 F7ADBE

 F7C6D1

 F7DEE4

# Harmonies

## Analogous

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



FA0084



F70039



D45300

# Triad

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



F70039



00961D



0088FF

# Complementary

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



F70039



00F7BE

# 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.



0097FF



F70039



009A75

# Square

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



F70039



4D8C00



009BC3



5C69FF

# Rectangle

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



F70039



B06E00



009BC3



008FFF



# Sweetspot

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



F70039



FFB3C4



BD00F7



80525C



000000



808080



# Same Dimension

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



F70039



FF003B



F74200



7A6E71



BA002B



3B000E



# Inverse Universe

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



F70039



FF003B



00B5F7



7A6E71



BA002B



3B000E



# Previews

## White Background



This preview shows how the Hex color F70039 looks on a white background.

## Color Contrast Check

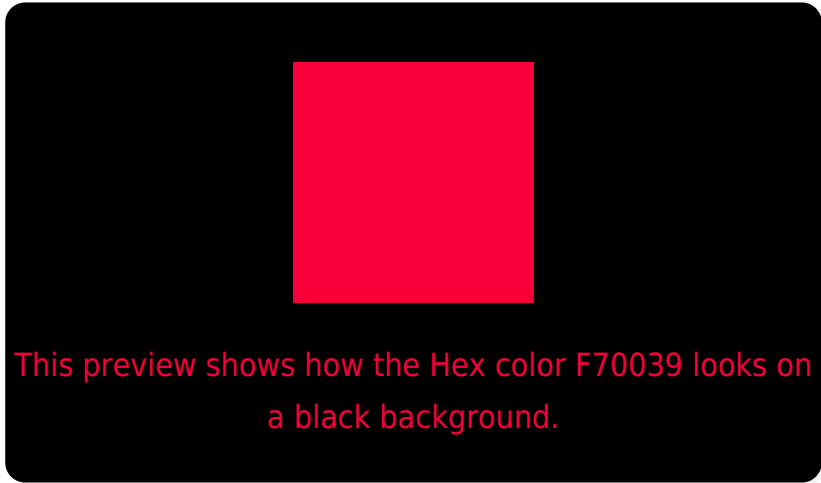
Large Text (above 18pt) WCAG AA ✓ Pass

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 F70039 Background



This preview shows how black text looks on a background with the Hex color F70039.



This preview shows how white text looks on a background with the Hex color F70039.

# 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



**Original Color**  
F70039

**Protanopia**  
877D57

**Deuteranopia**  
9D772A



**Tritanopia**  
F6180C

# Trichromacy



**Original Color**  
F70039



**Protanomaly**  
B0504C



**Deuteranomaly**  
BE4C2F



**Tritanomaly**  
F60F1C

# Monochromacy



**Original Color**  
F70039



**Achromatopsia**  
505050



**Achromatomaly**  
8D3348

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F70039 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 #F70039 looks like.

```
.text, #text, p{  
  color:#F70039  
}
```

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 #F70039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F70039
}
```

## Border

The CSS property to change the border of an element to Hex F70039 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
#F70039 }
```

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

```
.border{ border-color:#F70039 }
```

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

Here you see how a box with a 4 pixel #F70039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F70039; -webkit-box-shadow:4px 4px  
4px 4px #F70039; box-shadow:4px 4px 4px  
4px #F70039 }
```

# Background

The CSS property to change the background color of an element to Hex F70039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F70039 }
```

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

```
.background{ background-color:#F70039 }
```

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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