

Converting Colors

Hex(F70029)

Have a look what the booklet for
Hex(F70029) contains.

Hex(F70029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(F70029)

Conversions

Conversions Part 1

Format	Color
Hex	F70029
RGB	247, 0, 41
RGB Percent	97%, 0%, 16%
CMY	0.0314, 1.0000, 0.8392
CMYK	0.00, 1.00, 0.83, 0.03
HSL	350°, 100%, 48%
HSV	350°, 100%, 97%
XYZ	38.7580, 19.9343, 3.9027
YIQ	78.5270, 134.0510, 65.1150

Conversions

Conversions Part 2

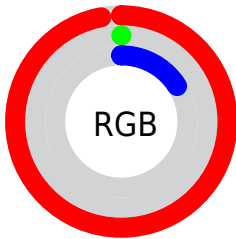
Format	Color
R_{YB}	247, 0, 41
Decimal	16187433
CIE _{Lab}	51.76, 78.69, 50.89
CIE _{LCh}	52, 93.715, 32.890
Yxy	19.9343, 0.6192, 0.3185
Android (android.graphics.Color)	4294377513 (0xFF70029)
YUV	78.5270, -18.5008, 147.7508
Hunter-Lab	44.6478, 76.8193, 26.0708

Details

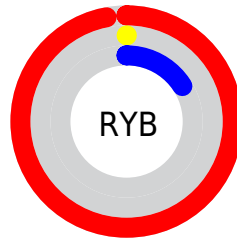
The Hex color **F70029** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **00F7CE**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5F58**, and **B40000** is the 20% darker color. If you saturate the color by 10%, you get **F70029**, and if you desaturate by 10%, it is **F7193E**.

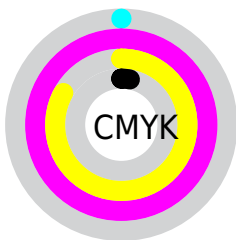
Distribution



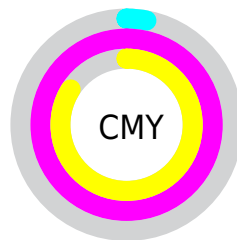
- Red (97%)
- Green (0%)
- Blue (16%)



- Red (97%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (83%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color F70029 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 F70029 by changing the saturation by 10% instead.

 F70029

 F70029

FFFFFF

 D60013

 FF5F58

 B40000

 FF7F71

 930000

 FF9D8B

 730002

 FFBB A5

 540004

 FFD9C1

 340002

 FFF8DD

 000000

 FFFFFA

 F70029

 F7193E

 F73152

 F74A67

 F7637B

 F77C90

 F794A5

 F7ADB9

 F7C6CE

 F7DEE2

Harmonies

Analogous

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



FF0078



F70029



CE5800

Triad

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



F70029



009729



0085FF

Complementary

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



F70029



00F7CE

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.



0096FF



F70029



009B81

Square

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



F70029



358E00



009BD2



7661FF

Rectangle

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



F70029



A67200



009BD2



008CFF

Sweetspot

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



F70029



FFB3BF



CE00F7



805259



000000



808080

Same Dimension

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



F70029



FF002A



F75200



7A6E70



BA001F



3B000A

Inverse Universe

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



F70029



FF002A



00A5F7



7A6E70



BA001F



3B000A

Previews

White Background



This preview shows how the Hex color F70029 looks on a white background.

Color Contrast Check

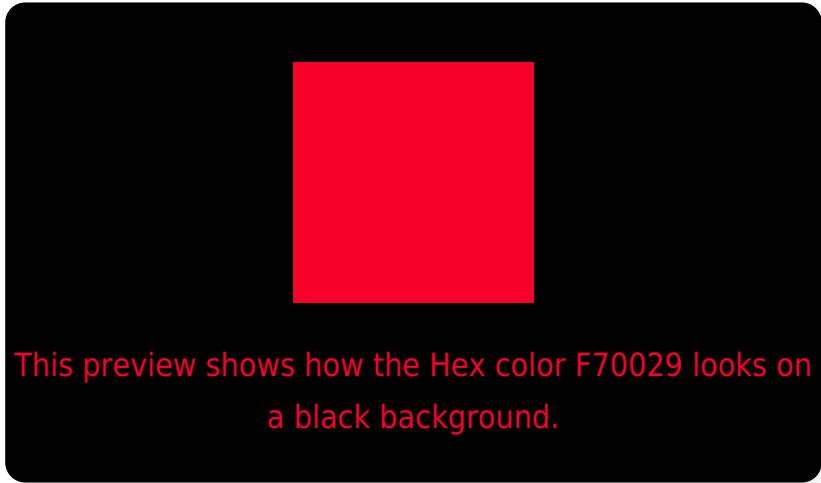
Large Text (above 18pt) WCAG AA ✓ Pass

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 F70029 Background



This preview shows how black text looks on a background with the Hex color F70029.



This preview shows how white text looks on a background with the Hex color F70029.

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
F70029

Protanopia
8A7D42

Deuteranopia
9E760D

Trichromacy



Original Color
F70029



Protanomaly
B25039



Deuteranomaly
BE4B17

Monochromacy



Original Color
F70029



Achromatopsia
4F4F4F



Achromatomaly
8C3241

CSS Examples

Text

The CSS property to change the color of the text to Hex F70029 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 #F70029 looks like.

```
.text, #text, p{  
    color:#F70029  
}
```

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 #F70029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F70029
}
```

Border

The CSS property to change the border of an element to Hex F70029 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".

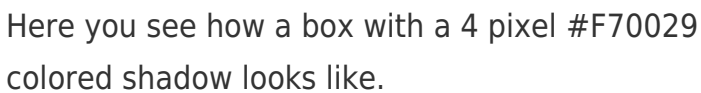
```
.border, #border, table{ border:4px solid
#F70029 }
```

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

```
.border{ border-color:#F70029 }
```

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

Here you see how a box with a 4 pixel #F70029 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F70029; -webkit-box-shadow:4px 4px  
4px 4px #F70029; box-shadow:4px 4px 4px  
4px #F70029 }
```

Background

The CSS property to change the background color of an element to Hex F70029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F70029 }
```

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

```
.background{ background-color:#F70029 }
```

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