

Converting Colors

Hex(F70832)

Have a look what the booklet for
Hex(F70832) contains.

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Color

Hex(F70832)

Conversions

Conversions Part 1

Format	Color
Hex	F70832
RGB	247, 8, 50
RGB Percent	97%, 3%, 20%
CMY	0.0314, 0.9686, 0.8039
CMYK	0.00, 0.97, 0.80, 0.03
HSL	349°, 94%, 50%
HSV	349°, 97%, 97%
XYZ	39.0203, 20.1781, 4.8558
YIQ	84.2490, 128.9620, 63.7300

Conversions

Conversions Part 2

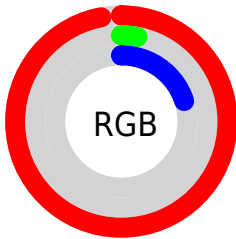
Format	Color
RYB	247, 8, 50
Decimal	16189490
CIELab	52.04, 78.34, 46.38
CIELCh	52, 91.044, 30.627
Yxy	20.1781, 0.6092, 0.3150
Android (android.graphics.Color)	4294379570 (0xFFFF70832)
YUV	84.2490, -16.8848, 142.7326
Hunter-Lab	44.9201, 76.4460, 25.0349

Details

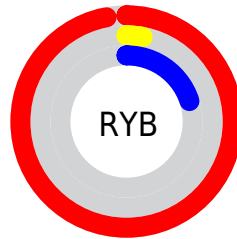
The Hex color **F70832** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **08F7CD**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6161**, and **B50006** is the 20% darker color. If you saturate the color by 10%, you get **F7002B**, and if you desaturate by 10%, it is **F72146**.

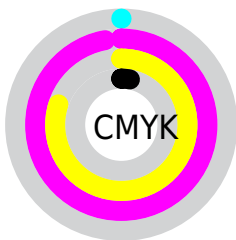
Distribution



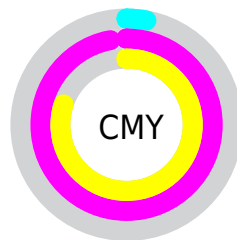
- Red (97%)
- Green (3%)
- Blue (20%)



- Red (97%)
- Yellow (3%)
- Blue (20%)



- Cyan (0%)
- Magenta (97%)
- Yellow (80%)
- Black (3%)



- Cyan (3%)
- Magenta (97%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F70832 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 F70832 by changing the saturation by 10% instead.

 F70832

 F70832

FFFFFF

 D6001C

 FF6161

 B50006

 FF807A

 940000

 FF9F94

 740002

 FFBD4F

 550004

 FFDBC8

 350002

 FFF9E7

 020000

 000000

 F70832

 F70832

 F7002B

 F72146

 F7395B

 F7526F

 F76B83

 F78398

 F79CAC

 F7B5C1

 F7CED5

 F7E6E9

Harmonies

Analogous

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



FD007E



F70832



D15700

Triad

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



F70832



009725



0087FF

Complementary

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



F70832



08F7CD

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



F70832



009B7C

Square

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



F70832



438D00



009CCB



6B66FF

Rectangle

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



F70832



AC7000



009CCB



008EFF

Sweetspot

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



F70832



FFB5C2



CB08F7



80535B



000000



808080

Same Dimension

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



F70832



FF002D



F75408



7A6E70



BA0021



3B000A

Inverse Universe

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



F70832



FF002D



08ABF7



7A6E70



BA0021



3B000A

Previews

White Background



This preview shows how the Hex color F70832 looks on a white background.

Color Contrast Check

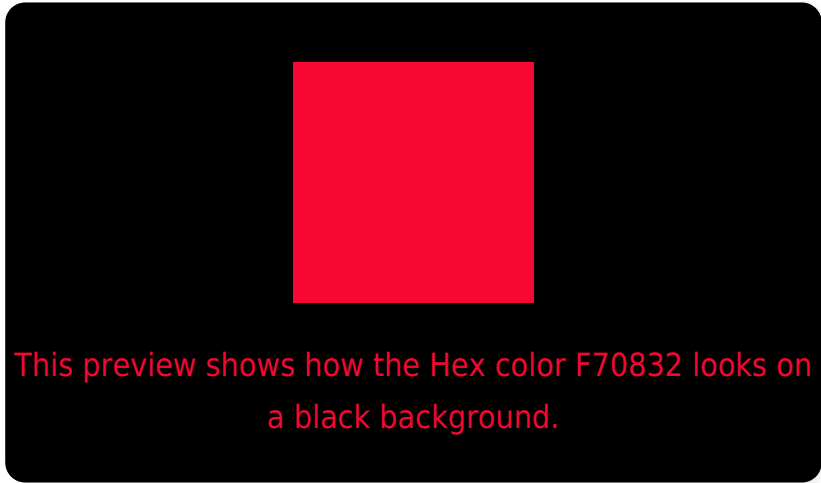
Large Text (above 18pt) WCAG AA ✓ Pass

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 F70832 Background



This preview shows how black text looks on a background with the Hex color F70832.



This preview shows how white text looks on a background with the Hex color F70832.

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
F70832

Protanopia
897D4D

Deuteranopia
9D7720



Tritanopia
F61607

Trichromacy



Original Color
F70832



Protanomaly
B15243



Deuteranomaly
BE4F27



Tritanomaly
F61117

Monochromacy



Original Color
F70832



Achromatopsia
545454



Achromatomaly
8F3848

CSS Examples

Text

The CSS property to change the color of the text to Hex F70832 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 #F70832 looks like.

```
.text, #text, p{  
    color:#F70832  
}
```

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 #F70832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F70832
}
```

Border

The CSS property to change the border of an element to Hex F70832 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".

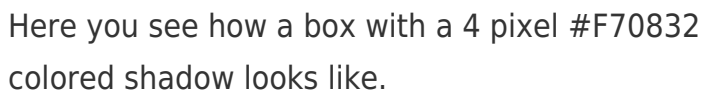
```
.border, #border, table{ border:4px solid
#F70832 }
```

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

```
.border{ border-color:#F70832 }
```

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

Here you see how a box with a 4 pixel #F70832 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F70832; -webkit-box-shadow:4px 4px  
4px 4px #F70832; box-shadow:4px 4px 4px  
4px #F70832 }
```

Background

The CSS property to change the background color of an element to Hex F70832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F70832 }
```

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

```
.background{ background-color:#F70832 }
```

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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