

# Converting Colors

Hex(F70D3B)

Have a look what the booklet for  
Hex(F70D3B) contains.

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**Color**

**Hex(F70D3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F70D3B
RGB	247, 13, 59
RGB Percent	97%, 5%, 23%
CMY	0.0314, 0.9490, 0.7686
CMYK	0.00, 0.95, 0.76, 0.03
HSL	348°, 94%, 51%
HSV	348°, 95%, 97%
XYZ	39.2911, 20.3778, 6.0001
YIQ	88.2100, 124.6980, 63.9140

# Conversions

## Conversions Part 2

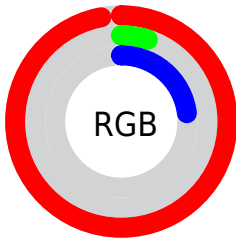
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 13, 59
Decimal	16190779
CIE <sub>Lab</sub>	52.26, 78.24, 41.58
CIE <sub>LCh</sub>	52, 88.601, 27.992
Yxy	20.3778, 0.5983, 0.3103
Android (android.graphics.Color)	4294380859 (0xFFFF70D3B)
YUV	88.2100, -14.4005, 139.2588
Hunter-Lab	45.1417, 76.3673, 23.7186

# Details

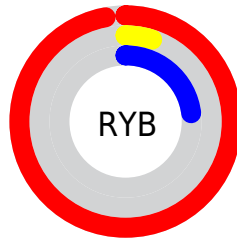
The Hex color **F70D3B** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **0DF7C9**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF626B**, and **B50011** is the 20% darker color. If you saturate the color by 10%, you get **F70031**, and if you desaturate by 10%, it is **F7264F**.

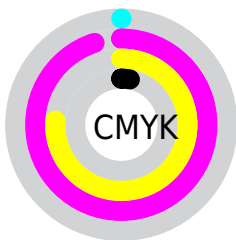
# Distribution



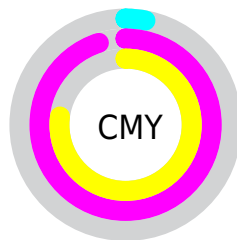
- Red (97%)
- Green (5%)
- Blue (23%)



- Red (97%)
- Yellow (5%)
- Blue (23%)



- Cyan (0%)
- Magenta (95%)
- Yellow (76%)
- Black (3%)



- Cyan (3%)
- Magenta (95%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F70D3B 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 F70D3B by changing the saturation by 10% instead.



 F70D3B

 F70D3B

FFFFFF

 D60025

 FF626B

 B50011

 FF8184

 950000

 FFA09E

 740001

 FFBEB9

 550004

 FFDCD5

 360002

 FFFBF1

 050000

 000000

 F70D3B

 F70D3B

 F70031

 F7264F

 F73E63

 F75777

 F7708A

 F7899E

 F7A1B2

 F7BAC6

 F7D3DA

 F7EBEE

# Harmonies

## Analogous

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



F90085



F70D3B



D45500

# Triad

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



F70D3B



00961F



0089FF

# Complementary

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



F70D3B



0DF7C9

# 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



F70D3B



009B75

# Square

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



F70D3B



508C00



009CC3



5D6BFF

# Rectangle

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



F70D3B



B16E00



009CC3



008FFF



# Sweetspot

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



F70D3B



FFB8C6



C80DF7



80545D



000000



808080



# Same Dimension

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



F70D3B



FF0032



F7530D



7A6E71



BA0025



3B000C



# Inverse Universe

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



F70D3B



FF0032



0DB1F7



7A6E71



BA0025



3B000C



# Previews

## White Background



This preview shows how the Hex color F70D3B looks on a white background.

## Color Contrast Check

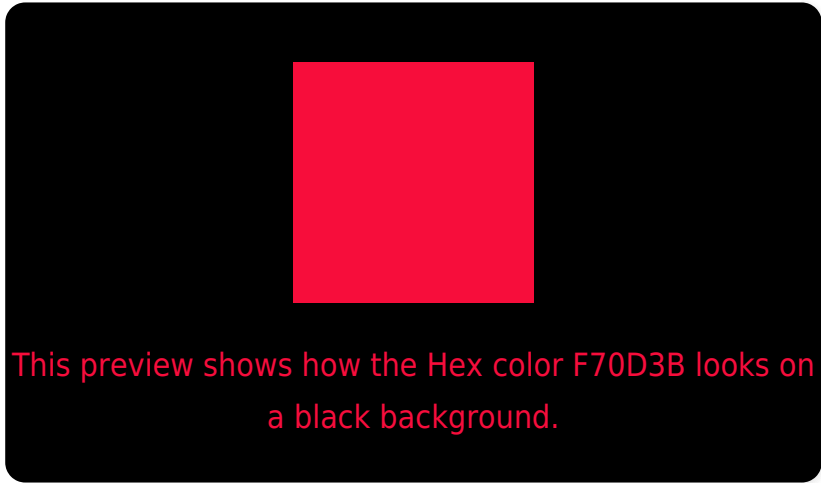
Large Text (above 18pt) WCAG AA ✓ Pass

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 F70D3B Background



This preview shows how black text looks on a background with the Hex color F70D3B.

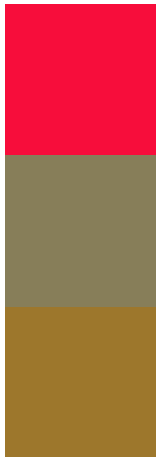


This preview shows how white text looks on a background with the Hex color F70D3B.

# 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**  
F70D3B

**Protanopia**  
877E59

**Deuteranopia**  
9D772C



**Tritanopia**  
F61B13

# Trichromacy



**Original Color**  
F70D3B



**Protanomaly**  
B0554E



**Deuteranomaly**  
BE5031



**Tritanomaly**  
F61622

# Monochromacy



**Original Color**  
F70D3B



**Achromatopsia**  
585858



**Achromatomaly**  
923D4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F70D3B 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 #F70D3B looks like.

```
.text, #text, p{  
    color:#F70D3B  
}
```

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 #F70D3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F70D3B
}
```

## Border

The CSS property to change the border of an element to Hex F70D3B 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".

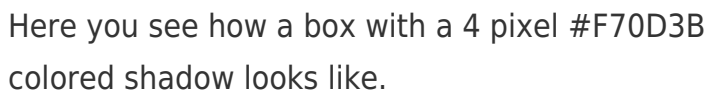
```
.border, #border, table{ border:4px solid
#F70D3B }
```

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

```
.border{ border-color:#F70D3B }
```

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

Here you see how a box with a 4 pixel #F70D3B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F70D3B; -webkit-box-shadow:4px 4px  
4px 4px #F70D3B; box-shadow:4px 4px 4px  
4px #F70D3B }
```

# Background

The CSS property to change the background color of an element to Hex F70D3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F70D3B }
```

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

```
.background{ background-color:#F70D3B }
```

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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