

Converting Colors

Hex(F0370F)

Have a look what the booklet for
Hex(F0370F) contains.

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Color

Hex(F0370F)

Conversions

Conversions Part 1

Format	Color
Hex	F0370F
RGB	240, 55, 15
RGB Percent	94%, 22%, 6%
CMY	0.0588, 0.7843, 0.9412
CMYK	0.00, 0.77, 0.94, 0.06
HSL	11°, 88%, 50%
HSV	11°, 94%, 94%
XYZ	37.3876, 21.2921, 2.5912
YIQ	105.7550, 123.1000, 26.7800

Conversions

Conversions Part 2

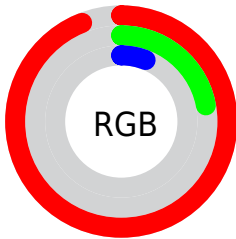
Format	Color
R_{YB}	240, 64, 15
Decimal	15742735
CIE _{Lab}	53.27, 67.79, 61.90
CIE _{LCh}	53, 91.795, 42.402
Yxy	21.2921, 0.6102, 0.3475
Android (android.graphics.Color)	4293932815 (0xFFFF0370F)
YUV	105.7550, -44.7422, 117.7329
Hunter-Lab	46.1434, 63.8783, 28.9709

Details

The Hex color **F0370F** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **0FC8F0**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF7544**, and **AE0000** is the 20% darker color. If you saturate the color by 10%, you get **F02B00**, and if you desaturate by 10%, it is **F04B27**.

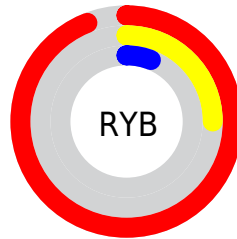
Distribution



Red (94%)

Green (22%)

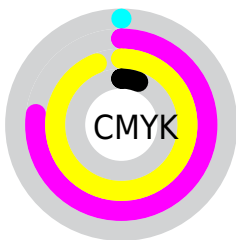
Blue (6%)



Red (94%)

Yellow (25%)

Blue (6%)

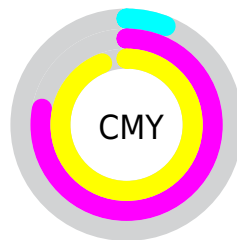


Cyan (0%)

Magenta (77%)

Yellow (94%)

Black (6%)



Cyan (6%)

Magenta (78%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0370F 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 F0370F by changing the saturation by 10% instead.

 F0370F

 F0370F

FFFFFF

 CF0600

 FF7544

 AE0000

 FF925E

 8E0000

 FFAF78

 6E0000

 FFCC92

 4F0002

 FFEAAE

 310002

 FFFFCA

 000000

 FFFF E6

 F0370F

 F0370F

 F02B00

 F04B27

 F05E3F

 F07257

 F0866F

 F09A87

 F0AD9F

 F0C1B7

 F0D5CF

 F0E9E7

Harmonies

Analogous

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



FF0063



F0370F



C06A00

Triad

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



F0370F



009C4C



007FFF

Complementary

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



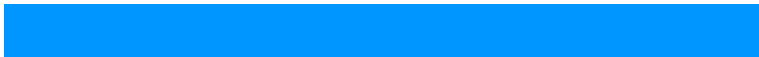
F0370F



0FC8F0

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



F0370F



009F9F

Square

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



F0370F



009500



009EEA



A655F6

Rectangle

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



F0370F



967F00



009EEA



0089FF

Sweetspot

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



F0370F



FFC4B8



F00FCA



805C54



000000



808080

Same Dimension

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



F0370F



FF2D00



F0A50F



786E6C



B82100



380A00

Inverse Universe

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



0FC8F0



00D2FF



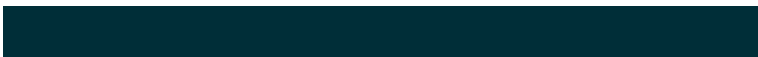
0F5AF0



6C7678



0097B8



002E38

Previews

White Background



This preview shows how the Hex color F0370F looks on a white background.

Color Contrast Check

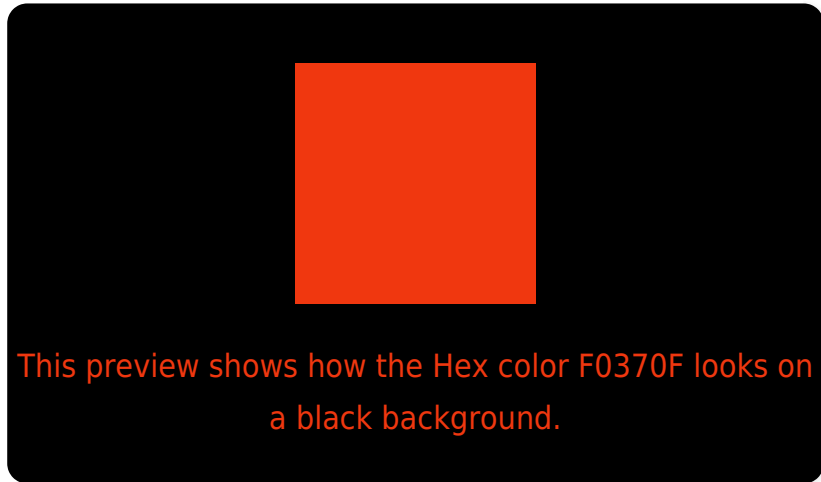
Large Text (above 18pt) WCAG AA ✓ Pass

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 F0370F Background



This preview shows how black text looks on a background with the Hex color F0370F.



This preview shows how white text looks on a background with the Hex color F0370F.

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
F0370F

Protanopia
8F8021

Deuteranopia
A17900



Tritanopia
F13434

Trichromacy



Original Color
F0370F

Protanomaly
B2651A

Deuteranomaly
BE6105

Tritanomaly
F13527

Monochromacy



Original Color
F0370F

Achromatopsia
6A6A6A

Achromatomaly
9B5749

CSS Examples

Text

The CSS property to change the color of the text to Hex F0370F 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 #F0370F looks like.

```
.text, #text, p{  
    color:#F0370F  
}
```

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 #F0370F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0370F }
}
```

Border

The CSS property to change the border of an element to Hex F0370F is called "border". The border property can be set on classes, ids or directly on the HTML element.

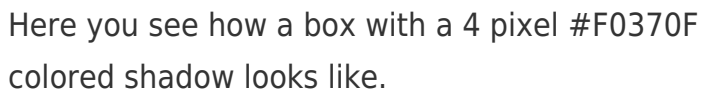
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #F0370F }
}
```

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

```
.border{ border-color:#F0370F }
```

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



Here you see how a box with a 4 pixel #F0370F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0370F; -webkit-box-shadow:4px 4px  
4px 4px #F0370F; box-shadow:4px 4px 4px  
4px #F0370F }
```

Background

The CSS property to change the background color of an element to Hex F0370F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0370F }
```

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

```
.background{ background-color:#F0370F }
```

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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