

Converting Colors

Hex(67370F)

Have a look what the booklet for
Hex(67370F) contains.

Hex(67370F)	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>	29

Color

Hex(67370F)

Conversions

Conversions Part 1

Format	Color
Hex	67370F
RGB	103, 55, 15
RGB Percent	40%, 22%, 6%
CMY	0.5961, 0.7843, 0.9412
CMYK	0.00, 0.47, 0.85, 0.60
HSL	27°, 75%, 23%
HSV	27°, 85%, 40%
XYZ	7.0459, 5.6504, 1.1712
YIQ	64.7920, 41.4480, -2.2640

Conversions

Conversions Part 2

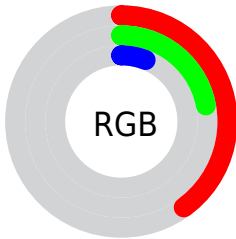
Format	Color
RYB	103, 88, 15
Decimal	6764303
CIELab	28.51, 18.18, 32.60
CIElCh	29, 37.322, 60.857
Yxy	5.6504, 0.5081, 0.4075
Android (android.graphics.Color)	4284954383 (0xFF67370F)
YUV	64.7920, -24.5475, 33.5084
Hunter-Lab	23.7706, 11.3112, 13.7181

Details

The Hex color **67370F** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0F3F67**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9E663C**, and **320C00** is the 20% darker color. If you saturate the color by 10%, you get **673105**, and if you desaturate by 10%, it is **673D19**.

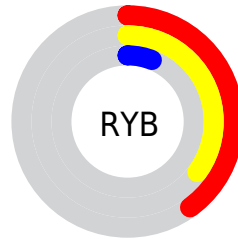
Distribution



Red (40%)

Green (22%)

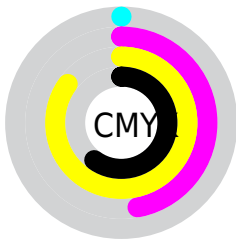
Blue (6%)



Red (40%)

Yellow (35%)

Blue (6%)

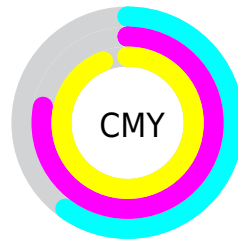


Cyan (0%)

Magenta (47%)

Yellow (85%)

Black (60%)



Cyan (60%)

Magenta (78%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67370F 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 67370F by changing the saturation by 10% instead.

 67370F

 67370F

 FFFFF5

 4D2100

 9E663C

 320C00

 BB8054

 180001

 D89A6D

 000000

 F5B587

 FFD0A1

 FFECBC

 FFFFD8

 67370F

 67370F

■ 673105

■ 673D19

■ 672F00

■ 674224

■ 67482E

■ 674D38

■ 675343

■ 67594D

■ 675E57

■ 676461

■ 676A6C

Harmonies

Analogous

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



752B27



67370F



514201

Triad

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



67370F



005143



443B75

Complementary

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



67370F



0F3F67

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.



00467D



67370F



005060

Square

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



67370F



004F26



004D75



662E60

Rectangle

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



67370F



3E4805



004D75



323F79

Sweetspot

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



67370F



877464



670F3F



453930



C4C4C4



454545

Same Dimension

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



67370F



873D00



67630F



33302E



733400



F26E00

Inverse Universe

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



0F3F67



004A87



0F1367



2E3133



003F73



0084F2

Previews

White Background



This preview shows how the Hex color 67370F looks on a white background.

Color Contrast Check

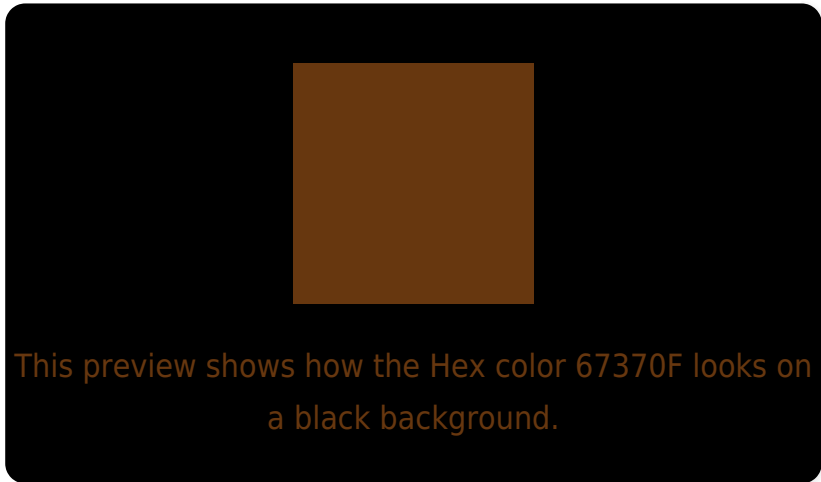
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

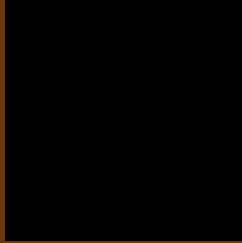
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 67370F Background



This preview shows how black text looks on a background with the Hex color 67370F.



This preview shows how white text looks on a background with the Hex color 67370F.

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
67370F

Protanopia
4C4412

Deuteranopia
564009



Tritanopia
693337

Trichromacy



Original Color
67370F

Protanomaly
563F11

Deuteranomaly
5C3D0B

Tritanomaly
683428

Monochromacy



Original Color
67370F

Achromatopsia
414141

Achromatomaly
4F3D2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 67370F 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 #67370F looks like.

```
.text, #text, p{  
    color:#67370F  
}
```

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 #67370F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67370F
}
```

Border

The CSS property to change the border of an element to Hex 67370F is called "border". The border property can be set on classes, ids or directly on the HTML element.

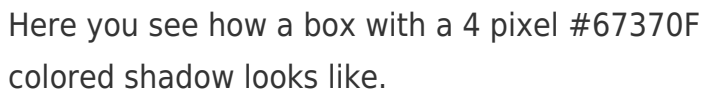
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67370F }
```

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

```
.border{ border-color:#67370F }
```

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



Here you see how a box with a 4 pixel #67370F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67370F; -webkit-box-shadow:4px 4px  
4px 4px #67370F; box-shadow:4px 4px 4px  
4px #67370F }
```

Background

The CSS property to change the background color of an element to Hex 67370F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67370F }
```

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

```
.background{ background-color:#67370F }
```

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