

# Converting Colors

Hex(370F16)

Have a look what the booklet for  
Hex(370F16) contains.

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**Color**

**Hex(370F16)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 370F16                    |
| RGB         | 55, 15, 22                |
| RGB Percent | 22%, 6%, 9%               |
| CMY         | 0.7843, 0.9412, 0.9137    |
| CMYK        | 0.00, 0.73, 0.60, 0.78    |
| HSL         | 350°, 57%, 14%            |
| HSV         | 350°, 73%, 22%            |
| XYZ         | 1.8912, 1.2118, 0.8933    |
| YIQ         | 27.7580, 21.5930, 10.6570 |

# Conversions

## Conversions Part 2

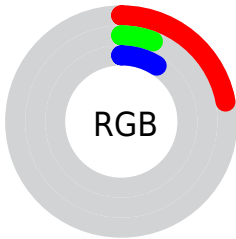
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 55, 15, 22                   |
| Decimal                             | 3608342                      |
| CIELab                              | 10.64, 20.64, 5.57           |
| CIELCh                              | 11, 21.383, 15.113           |
| Yxy                                 | 1.2118, 0.4732,<br>0.3032    |
| Android<br>(android.graphics.Color) | 4281798422<br>(0xFF370F16)   |
| YUV                                 | 27.7580, -2.8387,<br>23.8912 |
| Hunter-Lab                          | 11.0082, 11.4018,<br>2.8945  |

# Details

The Hex color **370F16** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F3730**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **693B40**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **370A11**, and if you desaturate by 10%, it is **37151B**.

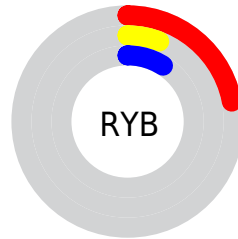
# Distribution



 Red (22%)

 Green (6%)

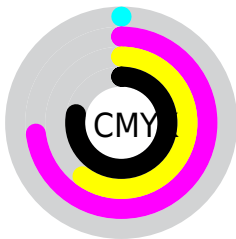
 Blue (9%)



 Red (22%)

 Yellow (6%)

 Blue (9%)

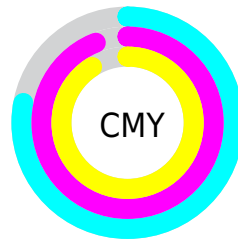


 Cyan (0%)

 Magenta (73%)

 Yellow (60%)

 Black (78%)



 Cyan (78%)

 Magenta (94%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 370F16 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 370F16 by changing the saturation by 10% instead.



 370F16

 370F16

 FFF3F7

 240001

 693B40

 000000

 835358

 9D6B70

 B98589

 D59FA4

 F2BABF

 FFD6DA

 370F16

 370F16

■ 370A11

■ 37151B

■ 37040D

■ 371A1F

■ 37000A

■ 372024

■ 372528

■ 372B2D

■ 373031

■ 373636

■ 373B3A

■ 37413F

# Harmonies

## Analogous

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



331025



370F16



341303

# Triad

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



370F16



0E2101



002039

# Complementary

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



370F16



0F3730

# 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.



002331



370F16



002315

# Square

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



370F16



1F1E00



002424



0E1C39

# Rectangle

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



370F16



2F1700



002424



002137



# Sweetspot

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



370F16



47383A



300F37



241A1C



A3A3A3



242424



# Same Dimension

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



370F16



470914



371C0F



1C191A



5C0010



DB0026



# Inverse Universe

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



370F16



470914



0F2A37



1C191A



5C0010

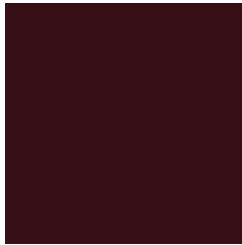


DB0026



# Previews

## White Background



This preview shows how the Hex color 370F16 looks on a white background.

## Color Contrast Check

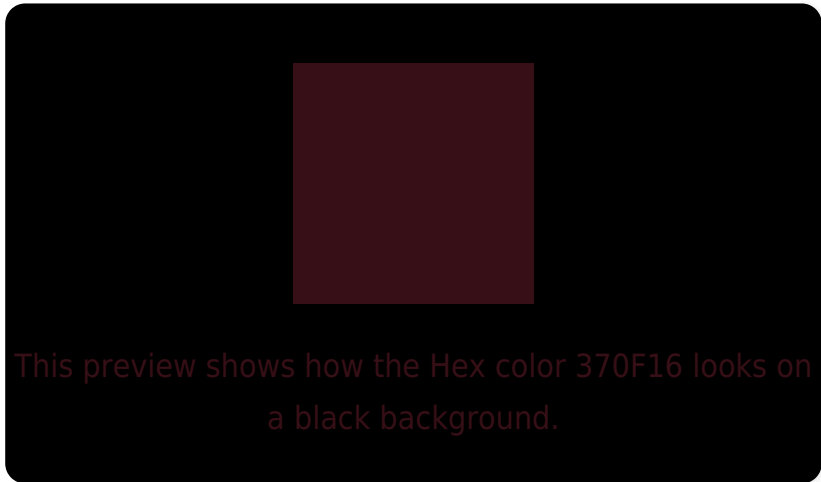
Large Text (above 18pt) WCAG AA ✓ Pass

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

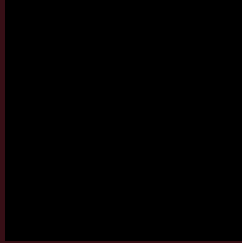
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 370F16 Background



This preview shows how black text looks on a background with the Hex color 370F16.

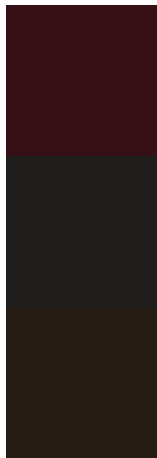


This preview shows how white text looks on a background with the Hex color 370F16.

# 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**  
370F16

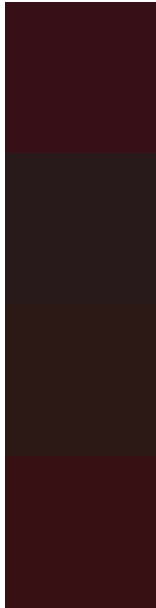
**Protanopia**  
1F1E1D

**Deuteranopia**  
251D14



**Tritanopia**  
371011

# Trichromacy



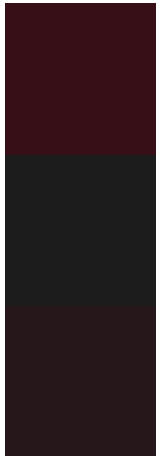
**Original Color**  
370F16

**Protanomaly**  
28191A

**Deuteranomaly**  
2C1815

**Tritanomaly**  
371013

# Monochromacy



**Original Color**  
370F16

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
26171A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 370F16 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 #370F16 looks like.

```
.text, #text, p{  
    color:#370F16  
}
```

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 #370F16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #370F16
}
```

## Border

The CSS property to change the border of an element to Hex 370F16 is called "border". The border property can be set on classes, ids or directly on the HTML element.

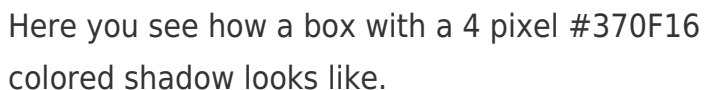
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#370F16 }
```

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

```
.border{ border-color:#370F16 }
```

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



Here you see how a box with a 4 pixel #370F16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #370F16; -webkit-box-shadow:4px 4px  
4px 4px #370F16; box-shadow:4px 4px 4px  
4px #370F16 }
```

# Background

The CSS property to change the background color of an element to Hex 370F16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#370F16 }
```

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

```
.background{ background-color:#370F16 }
```

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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