

# Converting Colors

Hex(50370E)

Have a look what the booklet for  
Hex(50370E) contains.

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**Color**

**Hex(50370E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50370E
RGB	80, 55, 14
RGB Percent	31%, 22%, 5%
CMY	0.6863, 0.7843, 0.9451
CMYK	0.00, 0.31, 0.82, 0.69
HSL	37°, 70%, 18%
HSV	37°, 82%, 31%
XYZ	4.7537, 4.4696, 1.0276
YIQ	57.8010, 28.0610, -7.4510

# Conversions

## Conversions Part 2

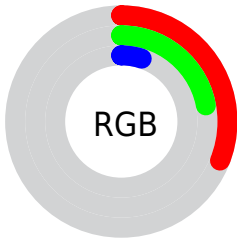
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 80, 14
Decimal	5256974
CIELab	25.17, 6.78, 28.71
CIElCh	25, 29.500, 76.720
Yxy	4.4696, 0.4637, 0.4360
Android (android.graphics.Color)	4283447054 (0xFF50370E)
YUV	57.8010, -21.5939, 19.4685
Hunter-Lab	21.1413, 3.1392, 11.9170

# Details

The Hex color **50370E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0E2750**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **84663B**, and **200D00** is the 20% darker color. If you saturate the color by 10%, you get **503406**, and if you desaturate by 10%, it is **503A16**.

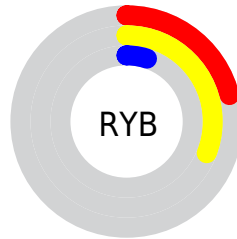
# Distribution



Red (31%)

Green (22%)

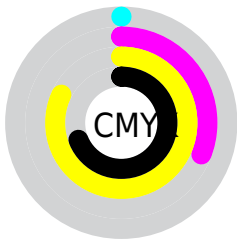
Blue (5%)



Red (21%)

Yellow (31%)

Blue (5%)

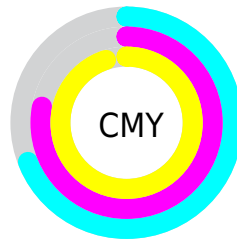


Cyan (0%)

Magenta (31%)

Yellow (82%)

Black (69%)



Cyan (69%)

Magenta (78%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50370E 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 50370E by changing the saturation by 10% instead.



 50370E

 50370E

 FFFFF2

 382200

 84663B

 200D00

 9F7F52

 000000

 BB986B

 D8B385

 F5CF9F

 FFEBBA

 FFFFD6

 50370E

 50370E

■ 503406

■ 503A16

■ 503200

■ 503D1E

■ 504026

■ 50432E

■ 504636

■ 50493E

■ 504C46

■ 504F4E

■ 505256

# Harmonies

## Analogous

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



5F2E1C



50370E



3C3E0D

# Triad

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



50370E



004748



4D315A

# Complementary

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



50370E



0E2750

# 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.



2A3A66



50370E



00455C

# Square

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



50370E



004631



004167



5F2947

# Rectangle

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



50370E



2B4216



004167



433460



# Sweetspot

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



50370E



695F4E



500E27



362F25



B5B5B5



363636



# Same Dimension

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



50370E



694101



48500E



292725



694100



E89000



# Inverse Universe

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



0E2750



012869



160E50



252629



002869



0058E8



# Previews

## White Background



This preview shows how the Hex color 50370E looks on a white background.

## Color Contrast Check

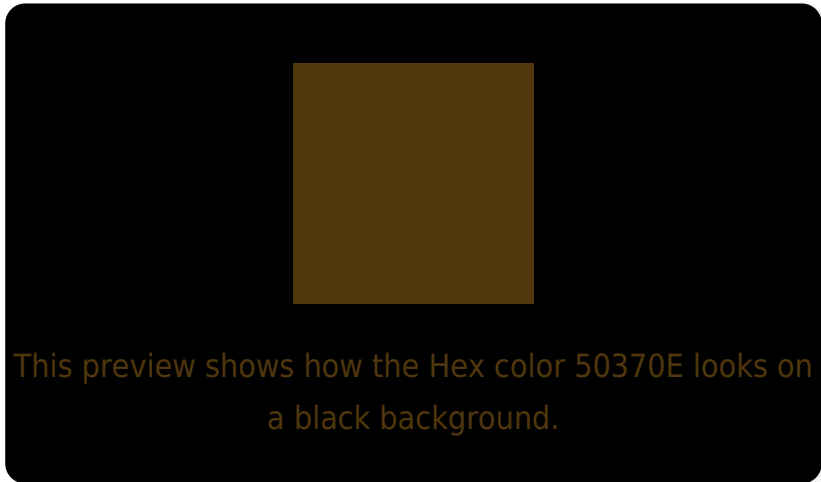
Large Text (above 18pt) WCAG AA ✓ Pass

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

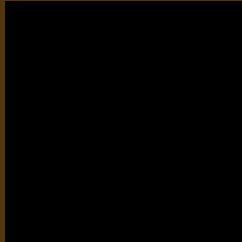
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 50370E Background



This preview shows how black text looks on a background with the Hex color 50370E.



This preview shows how white text looks on a background with the Hex color 50370E.

# 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**  
50370E

**Protanopia**  
443C0F

**Deuteranopia**  
4C390D



**Tritanopia**  
523337

# Trichromacy



**Original Color**  
50370E

**Protanomaly**  
483A0F

**Deuteranomaly**  
4D380D

**Tritanomaly**  
513428

# Monochromacy



**Original Color**  
50370E

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
42392A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50370E 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 #50370E looks like.

```
.text, #text, p{  
    color:#50370E  
}
```

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 #50370E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50370E
}
```

## Border

The CSS property to change the border of an element to Hex 50370E is called "border". The border property can be set on classes, ids or directly on the HTML element.

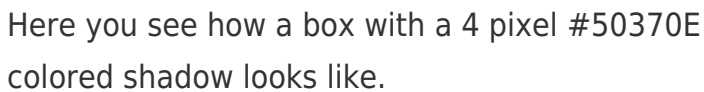
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50370E }
```

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

```
.border{ border-color:#50370E }
```

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



Here you see how a box with a 4 pixel #50370E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50370E; -webkit-box-shadow:4px 4px  
4px 4px #50370E; box-shadow:4px 4px 4px  
4px #50370E }
```

# Background

The CSS property to change the background color of an element to Hex 50370E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50370E }
```

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

```
.background{ background-color:#50370E }
```

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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