

# Converting Colors

Hex(68340E)

Have a look what the booklet for  
Hex(68340E) contains.

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**Color**

**Hex(68340E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	68340E
RGB	104, 52, 14
RGB Percent	41%, 20%, 5%
CMY	0.5922, 0.7961, 0.9451
CMYK	0.00, 0.50, 0.87, 0.59
HSL	25°, 76%, 23%
HSV	25°, 87%, 41%
XYZ	7.0162, 5.4307, 1.0939
YIQ	63.2160, 43.1900, -0.7940

# Conversions

## Conversions Part 2

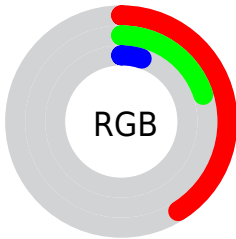
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 80, 14
Decimal	6829070
CIE <sub>Lab</sub>	27.93, 20.40, 32.58
CIE <sub>LCh</sub>	28, 38.441, 57.951
Yxy	5.4307, 0.5181, 0.4011
Android (android.graphics.Color)	4285019150 (0xFF68340E)
YUV	63.2160, -24.2635, 35.7676
Hunter-Lab	23.3040, 12.9595, 13.5296

# Details

The Hex color **68340E** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0E4268**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A0633B**, and **330800** is the 20% darker color. If you saturate the color by 10%, you get **682E04**, and if you desaturate by 10%, it is **683A18**.

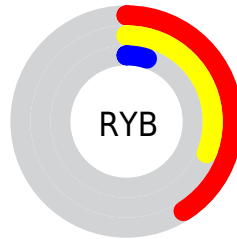
# Distribution



Red (41%)

Green (20%)

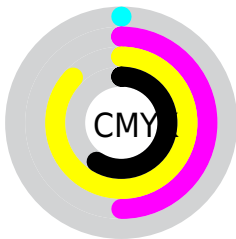
Blue (5%)



Red (41%)

Yellow (31%)

Blue (5%)

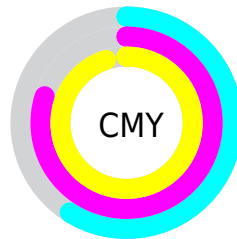


Cyan (0%)

Magenta (50%)

Yellow (87%)

Black (59%)



Cyan (59%)

Magenta (80%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68340E 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 68340E by changing the saturation by 10% instead.



 68340E

 68340E

 FFFFFF3

 4E1E00

 A0633B

 330800

 BC7C53

 180001

 D9976C

 000000

 F7B185

 FFCDA0

 FFE9BB

 FFFFD7

 68340E

 68340E

■ 682E04

■ 683A18

■ 682C00

■ 684023

■ 68462D

■ 684C38

■ 685242

■ 68584C

■ 685E57

■ 686461

■ 686A6C

# Harmonies

## Analogous

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



752828



68340E



524000

# Triad

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



68340E



004F3F



3D3B76

# Complementary

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



68340E



0E4268

# 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



68340E



004F5D

# Square

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



68340E



004D21



004D74



632D62

# Rectangle

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



68340E



3F4600



004D74



283F7A



# Sweetspot

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



68340E



877364



680E42



453930



C4C4C4



454545



# Same Dimension

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



68340E



873900



68610E



33302E



733000



F26600



# Inverse Universe

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



0E4268



004E87



0E1568



2E3133



004273



008CF2



# Previews

## White Background



This preview shows how the Hex color 68340E looks on a white background.

## Color Contrast Check

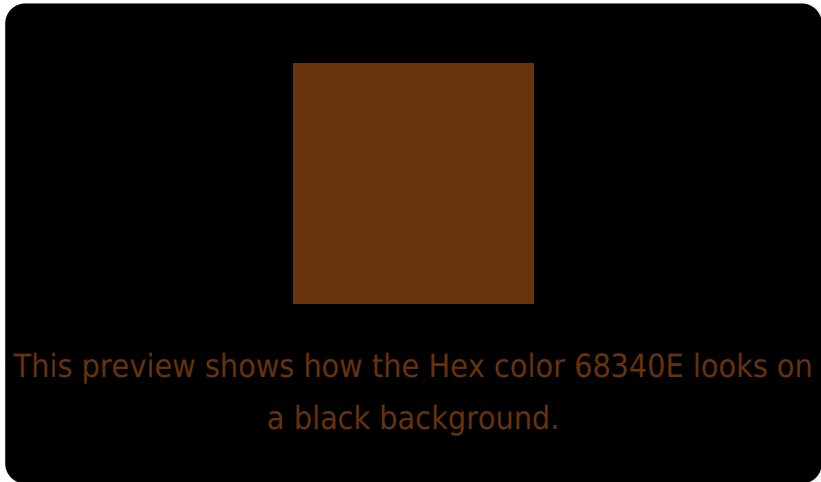
Large Text (above 18pt) WCAG AA ✓ Pass

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

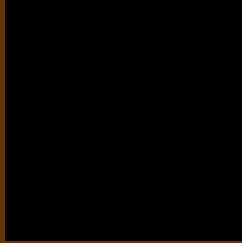
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 68340E Background



This preview shows how black text looks on a background with the Hex color 68340E.



This preview shows how white text looks on a background with the Hex color 68340E.

# 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**  
68340E

**Protanopia**  
4B4312

**Deuteranopia**  
543F06



**Tritanopia**  
693134

# Trichromacy



**Original Color**  
68340E

**Protanomaly**  
563E11

**Deuteranomaly**  
5B3B09

**Tritanomaly**  
693226

# Monochromacy



**Original Color**  
68340E

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
4E3B2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68340E 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 #68340E looks like.

```
.text, #text, p{  
    color:#68340E  
}
```

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 #68340E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68340E
}
```

## Border

The CSS property to change the border of an element to Hex 68340E is called "border". The border property can be set on classes, ids or directly on the HTML element.

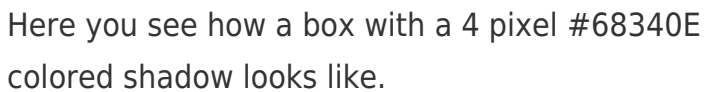
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68340E }
```

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

```
.border{ border-color:#68340E }
```

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



Here you see how a box with a 4 pixel #68340E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68340E; -webkit-box-shadow:4px 4px  
4px 4px #68340E; box-shadow:4px 4px 4px  
4px #68340E }
```

# Background

The CSS property to change the background color of an element to Hex 68340E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68340E }
```

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

```
.background{ background-color:#68340E }
```

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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