

# Converting Colors

Hex(65351E)

Have a look what the booklet for  
Hex(65351E) contains.

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# Color

**Hex(65351E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65351E
RGB	101, 53, 30
RGB Percent	40%, 21%, 12%
CMY	0.6039, 0.7922, 0.8824
CMYK	0.00, 0.48, 0.70, 0.60
HSL	19°, 54%, 26%
HSV	19°, 70%, 40%
XYZ	6.8743, 5.4066, 1.9096
YIQ	64.7300, 35.9910, 3.0230

# Conversions

## Conversions Part 2

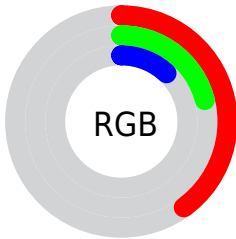
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 64, 30
Decimal	6632734
CIE <sub>Lab</sub>	27.86, 19.26, 23.66
CIE <sub>LCh</sub>	28, 30.508, 50.865
Yxy	5.4066, 0.4844, 0.3810
Android (android.graphics.Color)	4284822814 (0xFF65351E)
YUV	64.7300, -17.1219, 31.8088
Hunter-Lab	23.2522, 12.0804, 11.4074

# Details

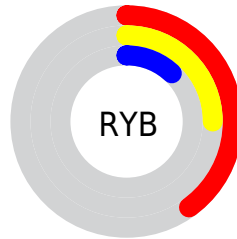
The Hex color **65351E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1E4E65**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9B644B**, and **320A00** is the 20% darker color. If you saturate the color by 10%, you get **652E14**, and if you desaturate by 10%, it is **653C28**.

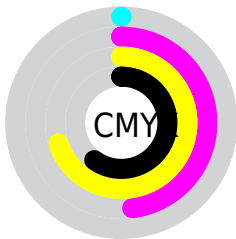
# Distribution



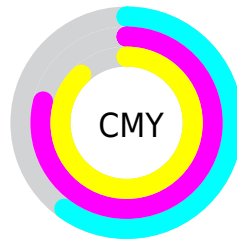
- Red (40%)
- Green (21%)
- Blue (12%)



- Red (40%)
- Yellow (25%)
- Blue (12%)



- Cyan (0%)
- Magenta (48%)
- Yellow (70%)
- Black (60%)



- Cyan (60%)
- Magenta (79%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65351E 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 65351E by changing the saturation by 10% instead.



 65351E

 65351E

FFFFFF

 4B1F07

 9B644B

 320A00

 B77E63

 160000

 D4987C

 000000

 F1B296

 FFCEB0

 FFEACC

 FFFF8

 65351E

 65351E

■ 652E14

■ 653C28

■ 65270A

■ 654332

■ 652100

■ 65493C

■ 655046

■ 655751

■ 655E5B

■ 656565

■ 656C6F

■ 657279

# Harmonies

## Analogous

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



6D2E32



65351E



553E11

# Triad

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



65351E



004D3A



363E6E

# Complementary

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



65351E



1E4E65

# 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.



004670



65351E



004D52

# Square

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



65351E



224A23



004B66



573560

# Rectangle

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



65351E



474310



004B66



264170



# Sweetspot

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



65351E



827067



651E4F



423732



C2C2C2



424242



# Same Dimension

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



65351E



823815



65581E



33302E



732500



F24E00



# Inverse Universe

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



1E4E65



155F82



1E2B65



2E3133



004E73



00A4F2



# Previews

## White Background



This preview shows how the Hex color 65351E looks on a white background.

## Color Contrast Check

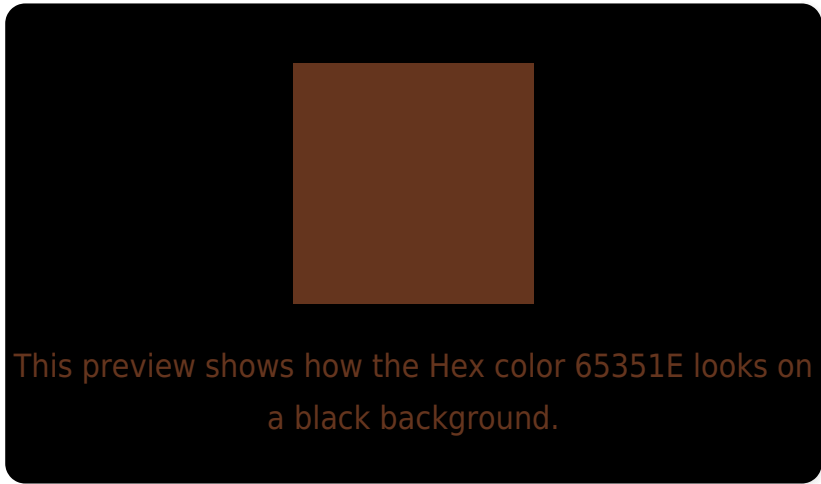
Large Text (above 18pt) WCAG AA ✓ Pass

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

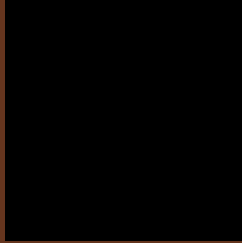
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 65351E Background



This preview shows how black text looks on a background with the Hex color 65351E.

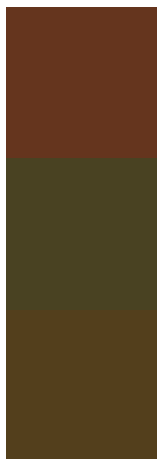


This preview shows how white text looks on a background with the Hex color 65351E.

# 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**  
65351E

**Protanopia**  
494222

**Deuteranopia**  
533F1C



**Tritanopia**  
663236

# Trichromacy



**Original Color**  
65351E

**Protanomaly**  
533D21

**Deuteranomaly**  
5A3B1D

**Tritanomaly**  
66332D

# Monochromacy



**Original Color**  
65351E

**Achromatopsia**  
414141

**Achromatomaly**  
4E3D34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65351E 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 #65351E looks like.

```
.text, #text, p{  
    color:#65351E  
}
```

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 #65351E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65351E
}
```

## Border

The CSS property to change the border of an element to Hex 65351E is called "border". The border property can be set on classes, ids or directly on the HTML element.

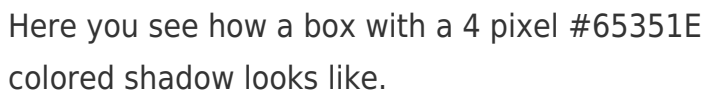
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65351E }
```

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

```
.border{ border-color:#65351E }
```

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



Here you see how a box with a 4 pixel #65351E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65351E; -webkit-box-shadow:4px 4px  
4px 4px #65351E; box-shadow:4px 4px 4px  
4px #65351E }
```

# Background

The CSS property to change the background color of an element to Hex 65351E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65351E }
```

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

```
.background{ background-color:#65351E }
```

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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