

# Converting Colors

Hex(58321E)

Have a look what the booklet for  
Hex(58321E) contains.

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# Color

**Hex(58321E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58321E
RGB	88, 50, 30
RGB Percent	35%, 20%, 12%
CMY	0.6549, 0.8039, 0.8824
CMYK	0.00, 0.43, 0.66, 0.65
HSL	21°, 49%, 23%
HSV	21°, 66%, 35%
XYZ	5.3994, 4.4496, 1.8026
YIQ	59.0820, 29.0680, 1.8360

# Conversions

## Conversions Part 2

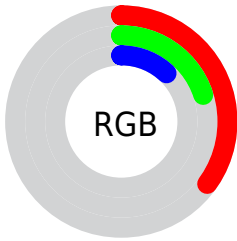
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 61, 30
Decimal	5779998
CIELab	25.11, 15.03, 19.90
CIELCh	25, 24.937, 52.935
Yxy	4.4496, 0.4634, 0.3819
Android (android.graphics.Color)	4283970078 (0xFF58321E)
YUV	59.0820, -14.3374, 25.3611
Hunter-Lab	21.0942, 8.7755, 9.6994

# Details

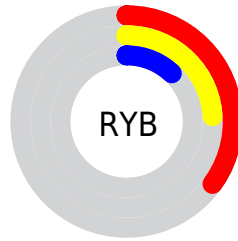
The Hex color **58321E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1E4458**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8D614A**, and **270600** is the 20% darker color. If you saturate the color by 10%, you get **582C15**, and if you desaturate by 10%, it is **583827**.

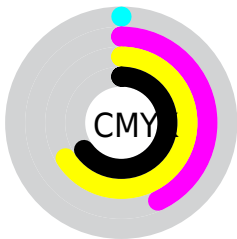
# Distribution



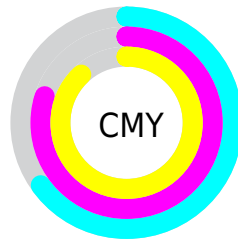
- Red (35%)
- Green (20%)
- Blue (12%)



- Red (35%)
- Yellow (24%)
- Blue (12%)



- Cyan (0%)
- Magenta (43%)
- Yellow (66%)
- Black (65%)



- Cyan (65%)
- Magenta (80%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58321E 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 58321E by changing the saturation by 10% instead.





58321E



58321E

FFFFFF



3F1C07



8D614A



270600



A87A62



000000



C4937B



E1AE95



FECAB0



FFE6CB



FFFFE8



58321E



58321E

■ 582C15

■ 583827

■ 58260C

■ 583E30

■ 582104

■ 584338

■ 581E00

■ 584941

■ 584F4A

■ 585553

■ 585A5C

■ 586064

■ 58666D

# Harmonies

## Analogous

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



5F2C2E



58321E



4A3915

# Triad

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



58321E



004536



36385E

# Complementary

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



58321E



1E4458

# 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.



083F61



58321E



00454A

# Square

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



58321E



224324



004359



4F3152

# Rectangle

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



58321E



3F3D15



004359



2A3B60



# Sweetspot

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



58321E



73645C



581E45



3B312D



BABABA



3B3B3B



# Same Dimension

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



58321E



733718



584E1E



2B2927



6B2500



EB5100



# Inverse Universe

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



1E4458



185373



1E2858



272A2B



00466B



009AEB



# Previews

## White Background



This preview shows how the Hex color 58321E looks on a white background.

## Color Contrast Check

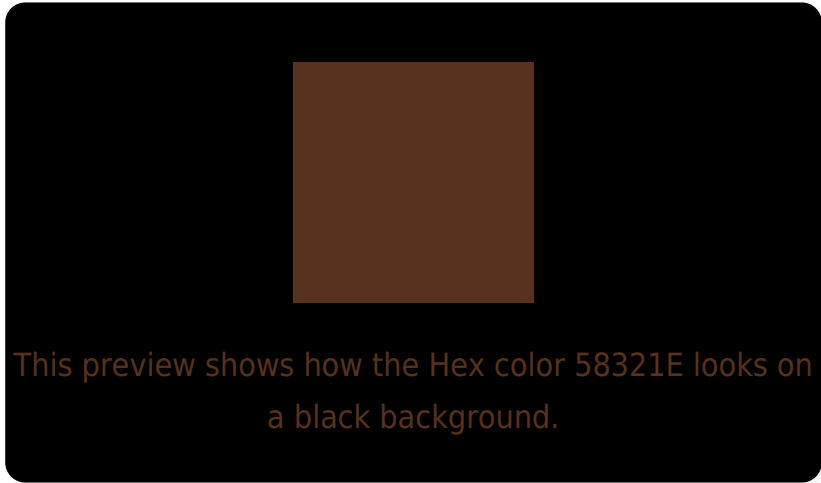
Large Text (above 18pt) WCAG AA ✓ Pass

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

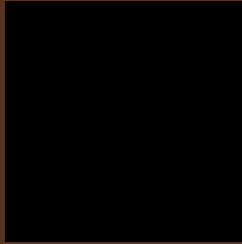
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 58321E Background



This preview shows how black text looks on a background with the Hex color 58321E.

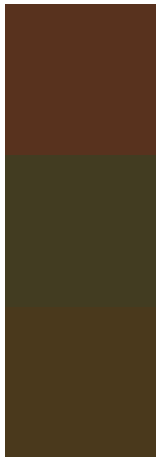


This preview shows how white text looks on a background with the Hex color 58321E.

# 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**  
58321E

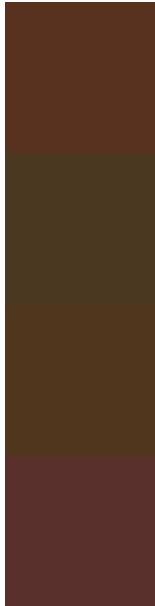
**Protanopia**  
423C21

**Deuteranopia**  
4A391C



**Tritanopia**  
592F33

# Trichromacy



**Original Color**  
58321E

**Protanomaly**  
4A3820

**Deuteranomaly**  
4F361D

**Tritanomaly**  
59302B

# Monochromacy



**Original Color**  
58321E

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
463830

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58321E 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 #58321E looks like.

```
.text, #text, p{  
    color:#58321E  
}
```

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 #58321E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58321E
}
```

## Border

The CSS property to change the border of an element to Hex 58321E is called "border". The border property can be set on classes, ids or directly on the HTML element.

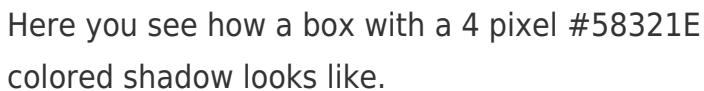
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58321E }
```

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

```
.border{ border-color:#58321E }
```

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



Here you see how a box with a 4 pixel #58321E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58321E; -webkit-box-shadow:4px 4px  
4px 4px #58321E; box-shadow:4px 4px 4px  
4px #58321E }
```

# Background

The CSS property to change the background color of an element to Hex 58321E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58321E }
```

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

```
.background{ background-color:#58321E }
```

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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