

# Converting Colors

Hex(58250E)

Have a look what the booklet for  
Hex(58250E) contains.

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# Color

Hex(58250E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	58250E
RGB	88, 37, 14
RGB Percent	35%, 15%, 5%
CMY	0.6549, 0.8549, 0.9451
CMYK	0.00, 0.58, 0.84, 0.65
HSL	19°, 73%, 20%
HSV	19°, 84%, 35%
XYZ	4.7653, 3.4295, 0.8263
YIQ	49.6270, 37.7790, 3.6590

# Conversions

## Conversions Part 2

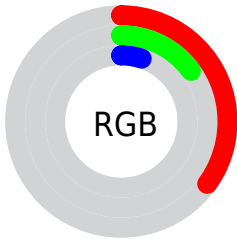
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 47, 14
Decimal	5776654
CIELab	21.69, 21.92, 25.57
CIELCh	22, 33.684, 49.399
Yxy	3.4295, 0.5282, 0.3802
Android (android.graphics.Color)	4283966734 (0xFF58250E)
YUV	49.6270, -17.5641, 33.6531
Hunter-Lab	18.5190, 13.5235, 10.3180

# Details

The Hex color **58250E** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0E4158**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8E5339**, and **270000** is the 20% darker color. If you saturate the color by 10%, you get **581F05**, and if you desaturate by 10%, it is **582B17**.

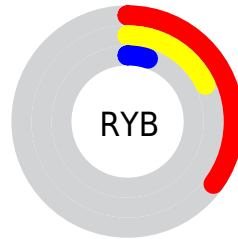
# Distribution



Red (35%)

Green (15%)

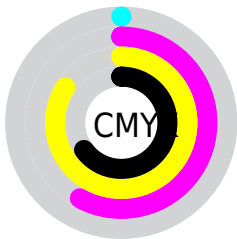
Blue (5%)



Red (35%)

Yellow (18%)

Blue (5%)

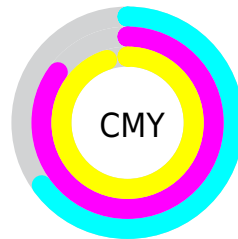


Cyan (0%)

Magenta (58%)

Yellow (84%)

Black (65%)



Cyan (65%)

Magenta (85%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58250E 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 58250E by changing the saturation by 10% instead.



 58250E

 58250E

 FFFFEF

 3E0F00

 8E5339

 270000

 AA6C51

 000000

 C78569

 E4A082

 FFBB9C

 FFD7B7

 FFF3D3

 58250E

 58250E

■ 581F05

■ 582B17

■ 581B00

■ 583120

■ 583728

■ 583D31

■ 58433A

■ 584943

■ 584F4C

■ 585654

■ 585C5D

# Harmonies

## Analogous

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



601B25



58250E



483000

# Triad

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



58250E



003F2A



203163

# Complementary

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



58250E



0E4158

# 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.



003965



58250E



003F44

# Square

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



58250E



103C11



003E59



492655

# Rectangle

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



58250E



393500



003E59



003465



# Sweetspot

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



58250E



735F56



580E42



3B2F29



BABABA



3B3B3B



# Same Dimension

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



58250E



732400



58490E



2B2827



6B2100



EB4900



# Inverse Universe

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



0E4158



004F73



0E1D58



272A2B



004A6B

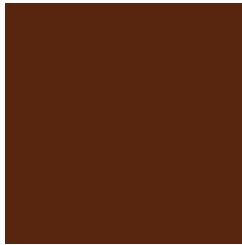


00A2EB



# Previews

## White Background



This preview shows how the Hex color 58250E 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

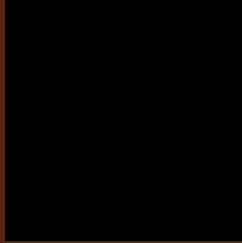
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 58250E Background



This preview shows how black text looks on a background with the Hex color 58250E.



This preview shows how white text looks on a background with the Hex color 58250E.

# 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**  
58250E

**Protanopia**  
3B3512

**Deuteranopia**  
433208



# Trichromacy



**Original Color**

58250E

**Protanomaly**

462F11

**Deuteranomaly**

4B2D0A

**Tritanomaly**

59241D

# Monochromacy



**Original Color**

58250E

**Achromatopsia**

323232

**Achromatomaly**

402D25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58250E 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 #58250E looks like.

```
.text, #text, p{  
    color:#58250E  
}
```

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 #58250E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58250E
}
```

## Border

The CSS property to change the border of an element to Hex 58250E is called "border". The border property can be set on classes, ids or directly on the HTML element.

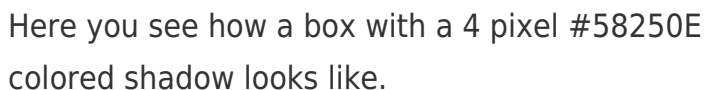
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58250E }
```

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

```
.border{ border-color:#58250E }
```

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



Here you see how a box with a 4 pixel #58250E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58250E; -webkit-box-shadow:4px 4px  
4px 4px #58250E; box-shadow:4px 4px 4px  
4px #58250E }
```

# Background

The CSS property to change the background color of an element to Hex 58250E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58250E }
```

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

```
.background{ background-color:#58250E }
```

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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