

Converting Colors

Hex(58220E)

Have a look what the booklet for
Hex(58220E) contains.

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Color

Hex(58220E)

Conversions

Conversions Part 1

Format	Color
Hex	58220E
RGB	88, 34, 14
RGB Percent	35%, 13%, 5%
CMY	0.6549, 0.8667, 0.9451
CMYK	0.00, 0.61, 0.84, 0.65
HSL	16°, 73%, 20%
HSV	16°, 84%, 35%
XYZ	4.6758, 3.2505, 0.7964
YIQ	47.8660, 38.6040, 5.2280

Conversions

Conversions Part 2

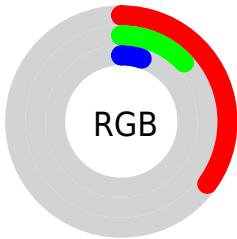
Format	Color
RYB	88, 41, 14
Decimal	5775886
CIELab	21.02, 23.64, 24.85
CIELCh	21, 34.296, 46.434
Yxy	3.2505, 0.5360, 0.3726
Android (android.graphics.Color)	4283965966 (0xFF58220E)
YUV	47.8660, -16.6959, 35.1975
Hunter-Lab	18.0291, 14.7427, 10.0012

Details

The Hex color **58220E** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0E4458**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **8E5039**, and **270000** is the 20% darker color. If you saturate the color by 10%, you get **581C05**, and if you desaturate by 10%, it is **582817**.

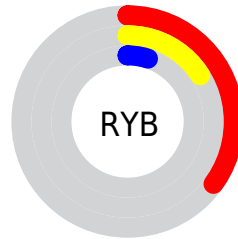
Distribution



Red (35%)

Green (13%)

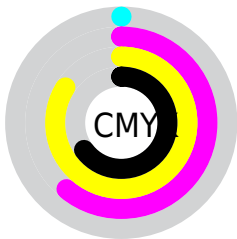
Blue (5%)



Red (35%)

Yellow (16%)

Blue (5%)

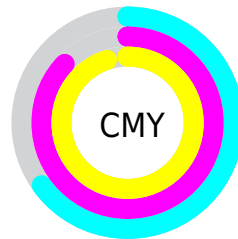


Cyan (0%)

Magenta (61%)

Yellow (84%)

Black (65%)



Cyan (65%)

Magenta (87%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58220E 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 58220E by changing the saturation by 10% instead.

 58220E

 58220E

 FFFFEF

 3E0B00

 8E5039

 270000

 AB6950

 000000

 C78269

 E59D82

 FFB89C

 FFD4B7

 FFF0D3

 58220E

 58220E

■ 581C05

■ 582817

■ 581800

■ 582F20

■ 583528

■ 583C31

■ 58423A

■ 584943

■ 584F4C

■ 585554

■ 585C5D

Harmonies

Analogous

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



5F1826



58220E



482D00

Triad

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



58220E



003D26



163163

Complementary

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



58220E



0E4458

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.



003964



58220E



003E40

Square

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



58220E



123B0C



003D57



452556

Rectangle

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



58220E



3A3300



003D57



003465

Sweetspot

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



58220E



735E56



580E44



3B2E29



BABABA



3B3B3B

Same Dimension

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



58220E



731F00



58470E



2B2827



6B1D00



EB3F00

Inverse Universe

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



0E4458



005473



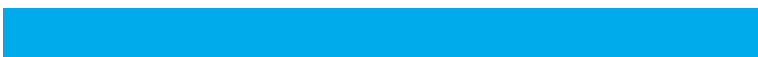
0E1F58



272A2B



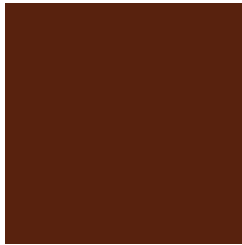
004E6B



00ABEB

Previews

White Background



This preview shows how the Hex color 58220E looks on a white background.

Color Contrast Check

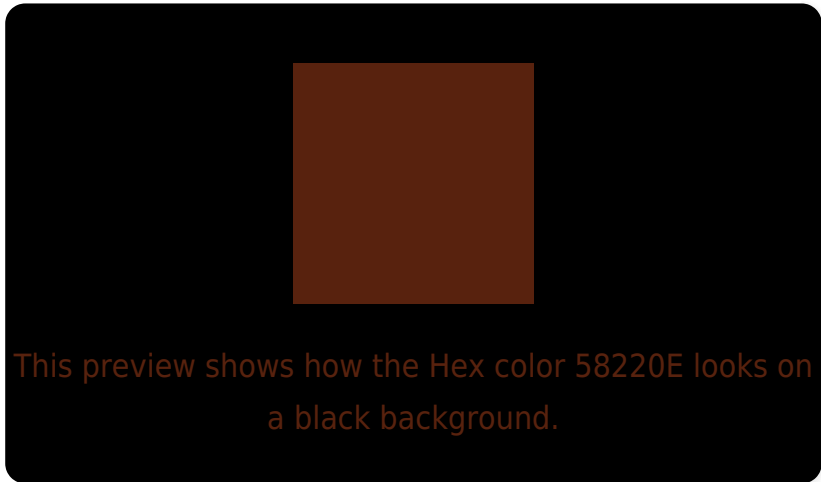
Large Text (above 18pt) WCAG AA ✓ Pass

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

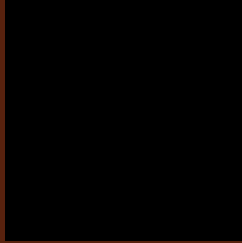
Any Text WCAG AA × Fail

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 58220E Background



This preview shows how black text looks on a background with the Hex color 58220E.



This preview shows how white text looks on a background with the Hex color 58220E.

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
58220E

Protanopia
3A3413

Deuteranopia
413107

Trichromacy



Original Color
58220E

Protanomaly
452D11

Deuteranomaly
492C0A

Tritanomaly
59211B

Monochromacy



Original Color
58220E

Achromatopsia
303030

Achromatomaly
3F2B24

CSS Examples

Text

The CSS property to change the color of the text to Hex 58220E 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 #58220E looks like.

```
.text, #text, p{  
    color:#58220E  
}
```

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 #58220E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58220E  
}
```

Border

The CSS property to change the border of an element to Hex 58220E is called "border". The border property can be set on classes, ids or directly on the HTML element.

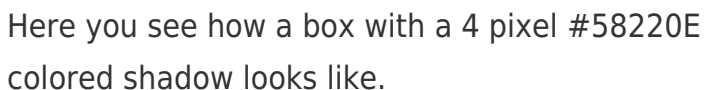
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#58220E }
```

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

```
.border{ border-color:#58220E }
```

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



Here you see how a box with a 4 pixel #58220E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58220E; -webkit-box-shadow:4px 4px  
4px 4px #58220E; box-shadow:4px 4px 4px  
4px #58220E }
```

Background

The CSS property to change the background color of an element to Hex 58220E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58220E }
```

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

```
.background{ background-color:#58220E }
```

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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