

# Converting Colors

Hex(583E18)

Have a look what the booklet for  
Hex(583E18) contains.

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# Color

**Hex(583E18)**

# Conversions

## Conversions Part 1

Format	Color
Hex	583E18
RGB	88, 62, 24
RGB Percent	35%, 24%, 9%
CMY	0.6549, 0.7569, 0.9059
CMYK	0.00, 0.30, 0.73, 0.65
HSL	36°, 57%, 22%
HSV	36°, 73%, 35%
XYZ	5.9120, 5.5859, 1.6307
YIQ	65.4420, 27.6940, -6.3060

# Conversions

## Conversions Part 2

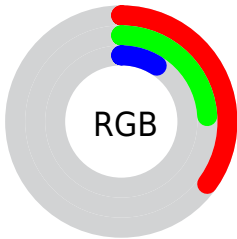
Format	Color
R <sub>Y</sub> B	68, 88, 24
Decimal	5783064
CIE Lab	28.34, 6.98, 27.15
CIE LCh	28, 28.036, 75.593
Yxy	5.5859, 0.4503, 0.4255
Android (android.graphics.Color)	4283973144 (0xFF583E18)
YUV	65.4420, -20.4309, 19.7834
Hunter-Lab	23.6345, 3.2900, 12.4532

# Details

The Hex color **583E18** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **183258**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8C6D45**, and **271400** is the 20% darker color. If you saturate the color by 10%, you get **583A0F**, and if you desaturate by 10%, it is **584221**.

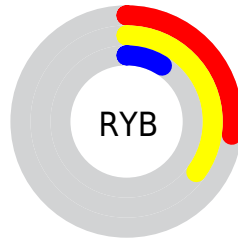
# Distribution



 Red (35%)

 Green (24%)

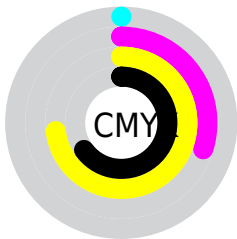
 Blue (9%)



 Red (27%)

 Yellow (35%)

 Blue (9%)

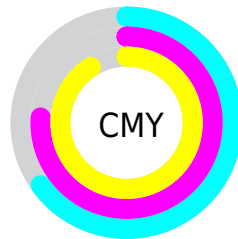


 Cyan (0%)

 Magenta (30%)

 Yellow (73%)

 Black (65%)



 Cyan (65%)

 Magenta (76%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 583E18 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 583E18 by changing the saturation by 10% instead.





583E18



583E18

FFFFFF



3F2800



8C6D45



271400



A8875D



000000



C4A176



E0BC90



FED8AA



FFF4C6



FFFFE2



583E18



583E18

■ 583A0F

■ 584221

■ 583706

■ 58452A

■ 583400

■ 584932

■ 584C3B

■ 585044

■ 58534D

■ 585756

■ 585B5E

■ 585E67

# Harmonies

## Analogous

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



663625



583E18



444517

# Triad

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



583E18



004E4E



533961

# Complementary

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



583E18



183258

# 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.



32416C



583E18



004C61

# Square

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



583E18



004D37



00486C



65324E

# Rectangle

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



583E18



35491E



00486C



4A3C66



# Sweetspot

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



583E18



73685A



581833



3B342B



BABABA



3B3B3B



# Same Dimension

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



583E18



734A0F



535818



2B2A27



6B4000



EB8B00



# Inverse Universe

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



183258



0F3773



1D1858



27292B



002C6B



005FEB



# Previews

## White Background



This preview shows how the Hex color 583E18 looks on a white background.

## Color Contrast Check

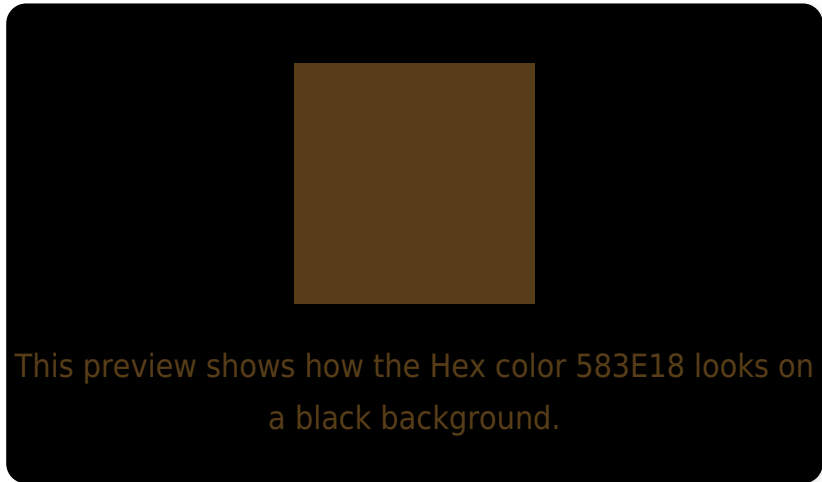
Large Text (above 18pt) WCAG AA ✓ Pass

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

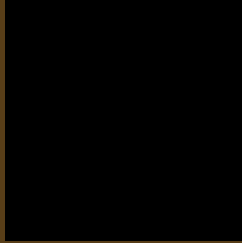
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 583E18 Background



This preview shows how black text looks on a background with the Hex color 583E18.



This preview shows how white text looks on a background with the Hex color 583E18.

# 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**  
583E18

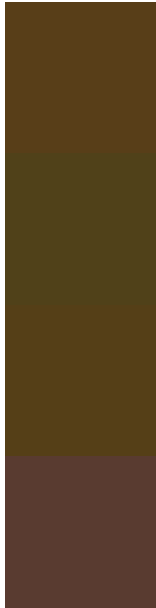
**Protanopia**  
4B4319

**Deuteranopia**  
544017



**Tritanopia**  
5A3A3E

# Trichromacy



**Original Color**  
583E18

**Protanomaly**  
504119

**Deuteranomaly**  
553F17

**Tritanomaly**  
593B30

# Monochromacy



**Original Color**  
583E18

**Achromatopsia**  
414141

**Achromatomaly**  
494032

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 583E18 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 #583E18 looks like.

```
.text, #text, p{  
    color:#583E18  
}
```

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 #583E18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583E18 }  
}
```

## Border

The CSS property to change the border of an element to Hex 583E18 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 #583E18 }  
}
```

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

```
.border{ border-color:#583E18 }
```

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

Here you see how a box with a 4 pixel #583E18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583E18; -webkit-box-shadow:4px 4px  
4px 4px #583E18; box-shadow:4px 4px 4px  
4px #583E18 }
```

# Background

The CSS property to change the background color of an element to Hex 583E18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583E18 }
```

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

```
.background{ background-color:#583E18 }
```

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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