

# Converting Colors

Hex(58490E)

Have a look what the booklet for  
Hex(58490E) contains.

<b>Hex(58490E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(58490E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	58490E
RGB	88, 73, 14
RGB Percent	35%, 29%, 5%
CMY	0.6549, 0.7137, 0.9451
CMYK	0.00, 0.17, 0.84, 0.65
HSL	48°, 73%, 20%
HSV	48°, 84%, 35%
XYZ	6.4863, 6.8715, 1.3999
YIQ	70.7590, 27.8790, -15.1690

# Conversions

## Conversions Part 2

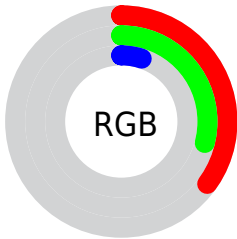
Format	Color
<b>RYB</b>	33, 88, 14
Decimal	5785870
CIELab	31.51, -0.47, 35.06
CIELCh	32, 35.067, 90.768
Yxy	6.8715, 0.4395, 0.4656
Android (android.graphics.Color)	4283975950 (0xFF58490E)
YUV	70.7590, -27.9822, 15.1204
Hunter-Lab	26.2135, -1.7055, 15.1831

# Details

The Hex color **58490E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0E1D58**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8D793E**, and **271E00** is the 20% darker color. If you saturate the color by 10%, you get **584705**, and if you desaturate by 10%, it is **584B17**.

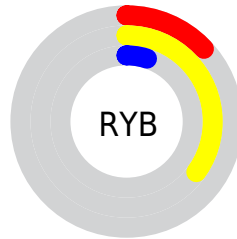
# Distribution



 Red (35%)

 Green (29%)

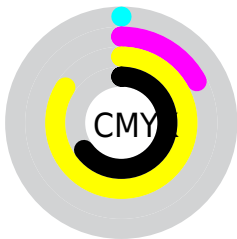
 Blue (5%)



 Red (13%)

 Yellow (35%)

 Blue (5%)

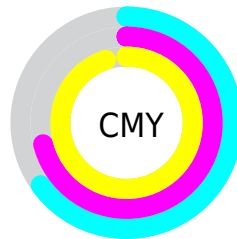


 Cyan (0%)

 Magenta (17%)

 Yellow (84%)

 Black (65%)



 Cyan (65%)

 Magenta (71%)

 Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58490E 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 58490E by changing the saturation by 10% instead.



 58490E

 58490E

 FFFFF7

 403300

 8D793E

 271E00

 A89356

 070600

 C4AD6F

 000000

 E1C989

 FEE5A3

 FFFFBF

 FFFFDB

 58490E

 58490E

■ 584705

■ 584B17

■ 584600

■ 584D20

■ 584E28

■ 585031

■ 58523A

■ 585443

■ 58554C

■ 585754

■ 58595D

# Harmonies

## Analogous

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



6E3F1A



58490E



3C5117

# Triad

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



58490E



005765



6C3765

# Complementary

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



58490E



0E1D58

# 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.



4B437A



58490E



00547A

# Square

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



58490E



00574A



004D81



7B314B

# Rectangle

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



58490E



245426



004D81



633B6D



# Sweetspot

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



58490E



736D56



580E1E



3B3729



BABABA



3B3B3B



# Same Dimension

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



58490E



735B00



43580E



2B2A27



6B5500



EBBB00



# Inverse Universe

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



0E1D58



001773



230E58



27282B



00166B

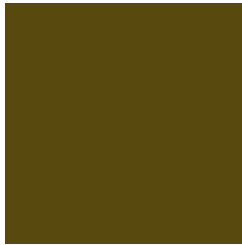


0030EB



# Previews

## White Background



This preview shows how the Hex color 58490E looks on a white background.

## Color Contrast Check

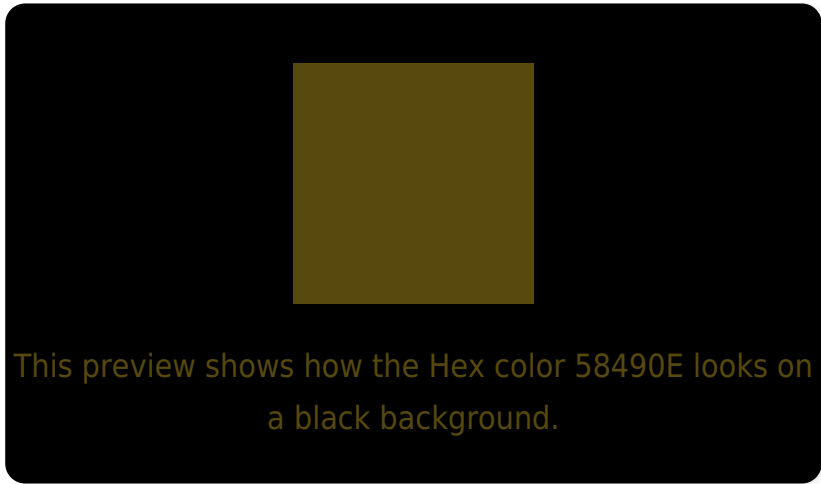
Large Text (above 18pt) WCAG AA ✓ Pass

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

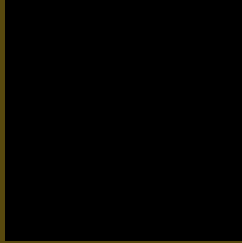
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 58490E Background



This preview shows how black text looks on a background with the Hex color 58490E.



This preview shows how white text looks on a background with the Hex color 58490E.

# 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**  
58490E

**Protanopia**  
544B0E

**Deuteranopia**  
5E470F



**Tritanopia**  
5C4449

# Trichromacy



**Original Color**  
58490E

**Protanomaly**  
554A0E

**Deuteranomaly**  
5C480F

**Tritanomaly**  
5B4634

# Monochromacy



**Original Color**  
58490E

**Achromatopsia**  
474747

**Achromatomaly**  
4D4832

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58490E 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 #58490E looks like.

```
.text, #text, p{  
    color:#58490E  
}
```

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 #58490E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58490E
}
```

## Border

The CSS property to change the border of an element to Hex 58490E is called "border". The border property can be set on classes, ids or directly on the HTML element.

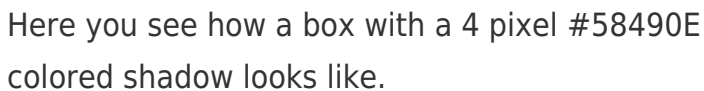
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58490E }
```

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

```
.border{ border-color:#58490E }
```

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



Here you see how a box with a 4 pixel #58490E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58490E; -webkit-box-shadow:4px 4px  
4px 4px #58490E; box-shadow:4px 4px 4px  
4px #58490E }
```

# Background

The CSS property to change the background color of an element to Hex 58490E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58490E }
```

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

```
.background{ background-color:#58490E }
```

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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