

# Converting Colors

Hex(55490E)

Have a look what the booklet for  
Hex(55490E) contains.

<b>Hex(55490E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(55490E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55490E
RGB	85, 73, 14
RGB Percent	33%, 29%, 5%
CMY	0.6667, 0.7137, 0.9451
CMYK	0.00, 0.14, 0.84, 0.67
HSL	50°, 72%, 19%
HSV	50°, 84%, 33%
XYZ	6.2081, 6.7281, 1.3869
YIQ	69.8620, 26.0910, -15.8050

# Conversions

## Conversions Part 2

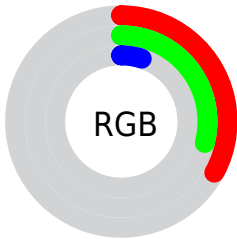
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 85, 14
Decimal	5589262
CIE <sub>Lab</sub>	31.18, -2.00, 34.64
CIE <sub>LCh</sub>	31, 34.694, 93.303
Yxy	6.7281, 0.4334, 0.4697
Android (android.graphics.Color)	4283779342 (0xFF55490E)
YUV	69.8620, -27.5400, 13.2760
Hunter-Lab	25.9386, -2.6704, 14.9868

# Details

The Hex color **55490E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0E1A55**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **89793E**, and **241E00** is the 20% darker color. If you saturate the color by 10%, you get **554805**, and if you desaturate by 10%, it is **554A16**.

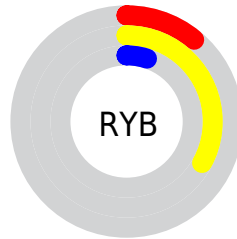
# Distribution



Red (33%)

Green (29%)

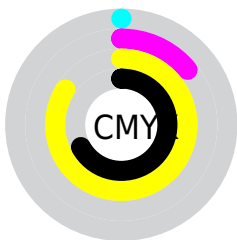
Blue (5%)



Red (11%)

Yellow (33%)

Blue (5%)

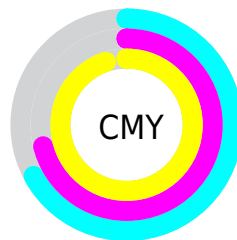


Cyan (0%)

Magenta (14%)

Yellow (84%)

Black (67%)



Cyan (67%)

Magenta (71%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55490E 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 55490E by changing the saturation by 10% instead.



 55490E

 55490E

 FFFFF7

 3D3300

 89793E

 241E00

 A49356

 010600

 C0AD6F

 000000

 DDC989

 FAE5A3

 FFFFBF

 FFFFDB

 55490E

 55490E

■ 554805

■ 554A16

■ 554700

■ 554C1F

■ 554D27

■ 554F30

■ 555038

■ 555241

■ 55534A

■ 555452

■ 55565A

# Harmonies

## Analogous

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



6B3F18



55490E



395019

# Triad

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



55490E



005666



6D3662

# Complementary

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



55490E



0E1A55

# 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.



4E4177



55490E



00537A

# Square

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



55490E



00564C



0D4B80



7A3047

# Rectangle

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



55490E



205427



0D4B80



65396A



# Sweetspot

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



55490E



6E6952



550E1B



383527



B8B8B8



383838



# Same Dimension

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



55490E



6E5B00



3F550E



2B2B27



6B5900



EBC300



# Inverse Universe

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



0E1A55



00136E



240E55



27282B



00126B

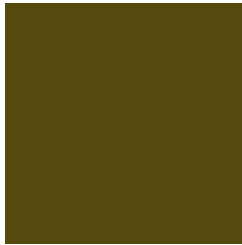


0028EB



# Previews

## White Background



This preview shows how the Hex color 55490E looks on a white background.

## Color Contrast Check

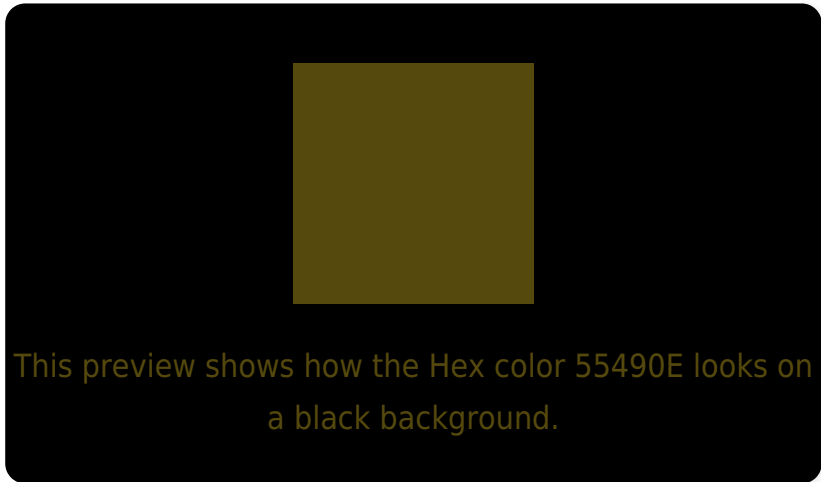
Large Text (above 18pt) WCAG AA ✓ Pass

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

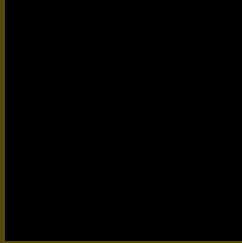
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 55490E Background



This preview shows how black text looks on a background with the Hex color 55490E.



This preview shows how white text looks on a background with the Hex color 55490E.

# 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**  
55490E

**Protanopia**  
534A0E

**Deuteranopia**  
5D4610



**Tritanopia**  
594449

# Trichromacy



**Original Color**  
55490E

**Protanomaly**  
544A0E

**Deuteranomaly**  
5A470F

**Tritanomaly**  
584634

# Monochromacy



**Original Color**  
55490E

**Achromatopsia**  
464646

**Achromatomaly**  
4B4732

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55490E 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 #55490E looks like.

```
.text, #text, p{  
    color:#55490E  
}
```

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 #55490E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55490E
}
```

## Border

The CSS property to change the border of an element to Hex 55490E is called "border". The border property can be set on classes, ids or directly on the HTML element.

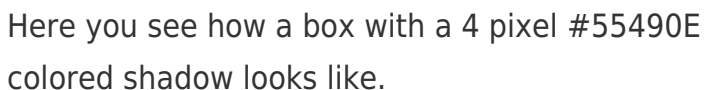
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55490E }
```

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

```
.border{ border-color:#55490E }
```

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



Here you see how a box with a 4 pixel #55490E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55490E; -webkit-box-shadow:4px 4px  
4px 4px #55490E; box-shadow:4px 4px 4px  
4px #55490E }
```

# Background

The CSS property to change the background color of an element to Hex 55490E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55490E }
```

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

```
.background{ background-color:#55490E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor