

# Converting Colors

Hex(55350B)

Have a look what the booklet for  
Hex(55350B) contains.

<b>Hex(55350B)</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(55350B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55350B
RGB	85, 53, 11
RGB Percent	33%, 21%, 4%
CMY	0.6667, 0.7922, 0.9569
CMYK	0.00, 0.38, 0.87, 0.67
HSL	34°, 77%, 19%
HSV	34°, 87%, 33%
XYZ	5.0798, 4.5017, 0.9178
YIQ	57.7800, 32.5540, -6.2780

# Conversions

## Conversions Part 2

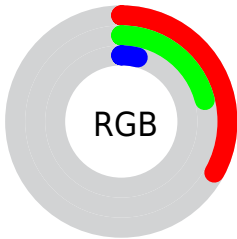
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 85, 11
Decimal	5584139
CIELab	25.27, 10.47, 30.43
CIELCh	25, 32.184, 71.011
Yxy	4.5017, 0.4838, 0.4288
Android (android.graphics.Color)	4283774219 (0xFF55350B)
YUV	57.7800, -23.0625, 23.8719
Hunter-Lab	21.2171, 5.6066, 12.2873

# Details

The Hex color **55350B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0B2B55**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8A6438**, and **240A00** is the 20% darker color. If you saturate the color by 10%, you get **553103**, and if you desaturate by 10%, it is **553914**.

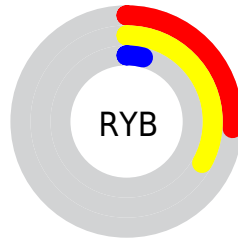
# Distribution



Red (33%)

Green (21%)

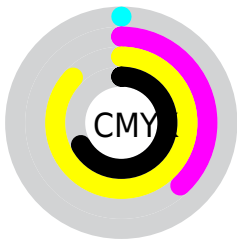
Blue (4%)



Red (26%)

Yellow (33%)

Blue (4%)

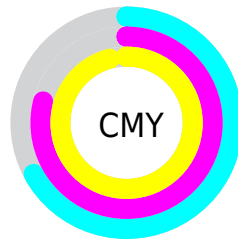


Cyan (0%)

Magenta (38%)

Yellow (87%)

Black (67%)



Cyan (67%)

Magenta (79%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55350B 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 55350B by changing the saturation by 10% instead.



 55350B

 55350B

 FFFFEF

 3C2000

 8A6438

 240A00

 A67C50

 000000

 C29668

 DFB182

 FCCC9C

 FFE9B7

 FFFFD3

 55350B

 55350B

■ 553103

■ 553914

■ 553000

■ 553C1C

■ 554025

■ 55442D

■ 554735

■ 554B3E

■ 554F47

■ 55524F

■ 555657

# Harmonies

## Analogous

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



632B1D



55350B



403E06

# Triad

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



55350B



004844



493261

# Complementary

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



55350B



0B2B55

# 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.



1B3C6C



55350B



00475B

# Square

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



55350B



00462B



00436A



60284C

# Rectangle

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



55350B



2F420E



00436A



3D3566



# Sweetspot

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



55350B



6E6151



550B2B



383127



B8B8B8



383838



# Same Dimension

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



55350B



6E3E00



50550B



2B2927



6B3D00



EB8500



# Inverse Universe

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



0B2B55



002F6E



100B55



27292B



002E6B

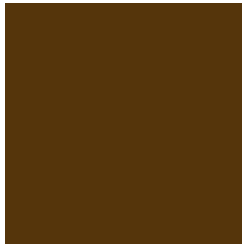


0065EB



# Previews

## White Background



This preview shows how the Hex color 55350B looks on a white background.

## Color Contrast Check

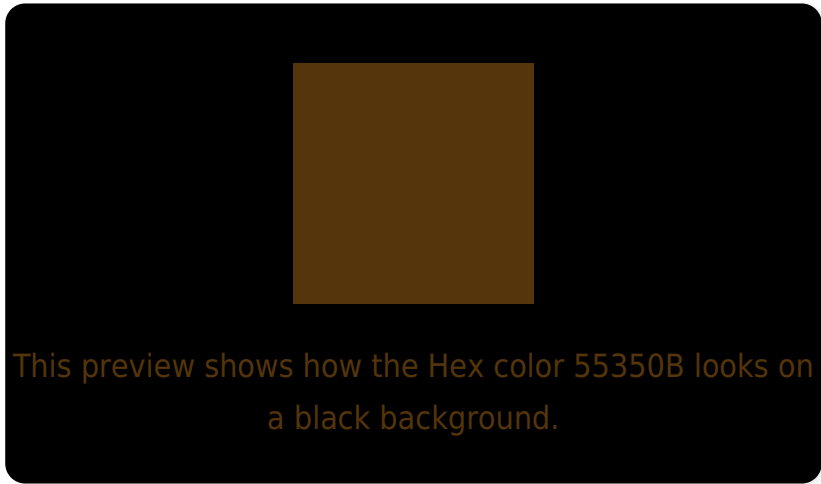
Large Text (above 18pt) WCAG AA ✓ Pass

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

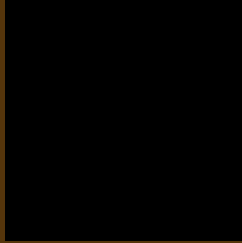
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 55350B Background



This preview shows how black text looks on a background with the Hex color 55350B.



This preview shows how white text looks on a background with the Hex color 55350B.

# 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**  
55350B

**Protanopia**  
443D0D

**Deuteranopia**  
4C3908



**Tritanopia**  
573135

# Trichromacy



**Original Color**  
55350B

**Protanomaly**  
4A3A0C

**Deuteranomaly**  
4F3809

**Tritanomaly**  
563226

# Monochromacy



**Original Color**  
55350B

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
443829

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55350B 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 #55350B looks like.

```
.text, #text, p{  
    color:#55350B  
}
```

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 #55350B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55350B  
}
```

## Border

The CSS property to change the border of an element to Hex 55350B 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".

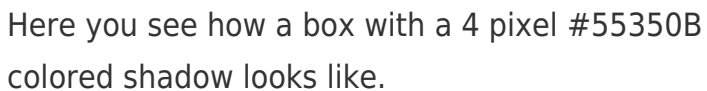
```
.border, #border, table{ border:4px solid  
#55350B }
```

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

```
.border{ border-color:#55350B }
```

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

Here you see how a box with a 4 pixel #55350B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55350B; -webkit-box-shadow:4px 4px  
4px 4px #55350B; box-shadow:4px 4px 4px  
4px #55350B }
```

# Background

The CSS property to change the background color of an element to Hex 55350B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55350B }
```

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

```
.background{ background-color:#55350B }
```

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