

# Converting Colors

Hex(85520E)

Have a look what the booklet for  
Hex(85520E) contains.

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**Color**

**Hex(85520E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85520E
RGB	133, 82, 14
RGB Percent	52%, 32%, 5%
CMY	0.4784, 0.6784, 0.9451
CMYK	0.00, 0.38, 0.89, 0.48
HSL	34°, 81%, 29%
HSV	34°, 89%, 52%
XYZ	12.7694, 11.0528, 1.8759
YIQ	89.4970, 52.2240, -10.3360

# Conversions

## Conversions Part 2

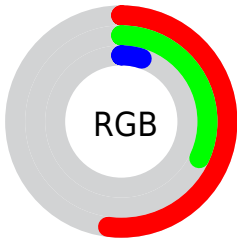
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 133, 14
Decimal	8737294
CIE <sub>Lab</sub>	39.67, 16.13, 44.33
CIE <sub>LCh</sub>	40, 47.170, 70.005
Yxy	11.0528, 0.4969, 0.4301
Android (android.graphics.Color)	4286927374 (0xFF85520E)
YUV	89.4970, -37.2200, 38.1521
Hunter-Lab	33.2458, 10.3801, 19.9267

# Details

The Hex color **85520E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **0E4185**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **BF8341**, and **4E2500** is the 20% darker color. If you saturate the color by 10%, you get **854C01**, and if you desaturate by 10%, it is **85581B**.

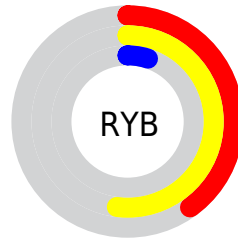
# Distribution



Red (52%)

Green (32%)

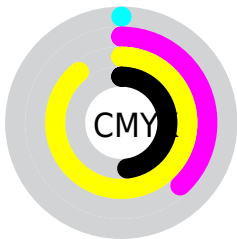
Blue (5%)



Red (40%)

Yellow (52%)

Blue (5%)

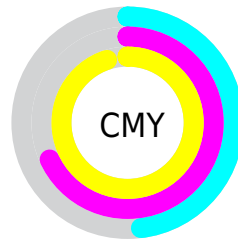


Cyan (0%)

Magenta (38%)

Yellow (89%)

Black (48%)



Cyan (48%)

Magenta (68%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85520E 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 85520E by changing the saturation by 10% instead.



 85520E

 85520E

FFFFFFD

 693B00

 BF8341

 4E2500

 DC9E59

 331000

 FAB973

 1C0001

 FFD48D

 000000

 FFF1A8

 FFFFC4

 FFFFEO

 85520E

 85520E

■ 854C01

■ 85581B

■ 854C00

■ 855D29

■ 856336

■ 856943

■ 856F51

■ 85745E

■ 857A6B

■ 858078

■ 858586

# Harmonies

## Analogous

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



9B422E



85520E



646001

# Triad

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



85520E



006F6A



6F4D99

# Complementary

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



85520E



0E4185

# 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.



1A5EAA



85520E



006E8E

# Square

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



85520E



006E42



0069A6



953D79

# Rectangle

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



85520E



4A6612



0069A6



5C53A0



# Sweetspot

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



85520E



AD997F



850E42



574B3B



D6D6D6



575757



# Same Dimension

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



85520E



AD6300



7D850E



423F3C



824A00



030100



# Inverse Universe

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



0E4185



004AAD



160E85



3C3F42



003882

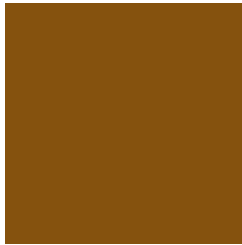


000103



# Previews

## White Background



This preview shows how the Hex color 85520E looks on a white background.

## Color Contrast Check

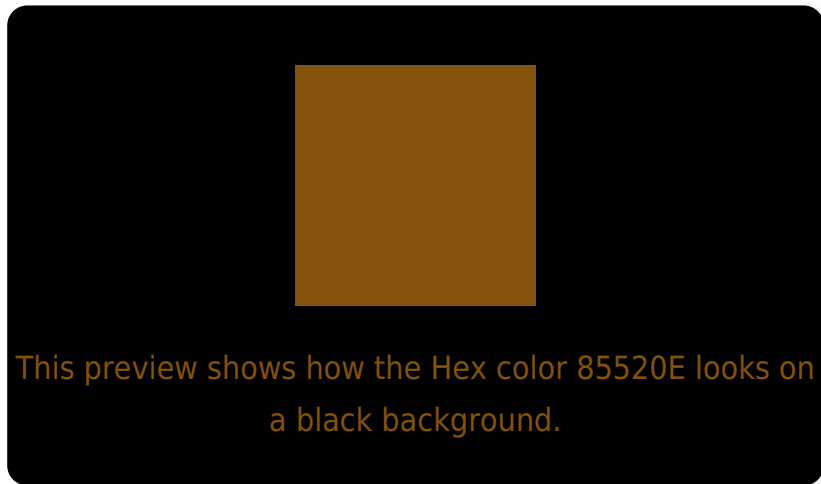
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 85520E Background



This preview shows how black text looks on a background with the Hex color 85520E.



This preview shows how white text looks on a background with the Hex color 85520E.

# 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**  
85520E

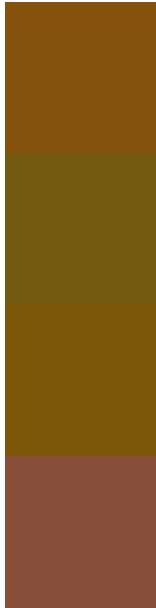
**Protanopia**  
6A5E11

**Deuteranopia**  
775906



**Tritanopia**  
884C52

# Trichromacy



**Original Color**  
85520E

**Protanomaly**  
745A10

**Deuteranomaly**  
7C5609

**Tritanomaly**  
874E39

# Monochromacy



**Original Color**  
85520E

**Achromatopsia**  
595959

**Achromatomaly**  
69563E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85520E 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 #85520E looks like.

```
.text, #text, p{  
    color:#85520E  
}
```

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 #85520E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85520E
}
```

## Border

The CSS property to change the border of an element to Hex 85520E is called "border". The border property can be set on classes, ids or directly on the HTML element.

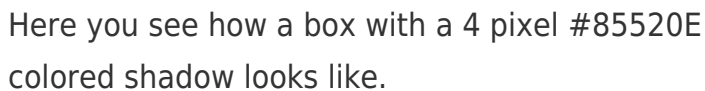
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85520E }
```

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

```
.border{ border-color:#85520E }
```

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



Here you see how a box with a 4 pixel #85520E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85520E; -webkit-box-shadow:4px 4px  
4px 4px #85520E; box-shadow:4px 4px 4px  
4px #85520E }
```

# Background

The CSS property to change the background color of an element to Hex 85520E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85520E }
```

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

```
.background{ background-color:#85520E }
```

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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