

Converting Colors

Hex(8E5600)

Have a look what the booklet for
Hex(8E5600) contains.

Hex(8E5600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8E5600)

Conversions

Conversions Part 1

Format	Color
Hex	8E5600
RGB	142, 86, 0
RGB Percent	56%, 34%, 0%
CMY	0.4431, 0.6627, 1.0000
CMYK	0.00, 0.39, 1.00, 0.44
HSL	36°, 100%, 28%
HSV	36°, 100%, 56%
XYZ	14.4831, 12.4064, 1.6313
YIQ	92.9400, 60.9820, -14.8740

Conversions

Conversions Part 2

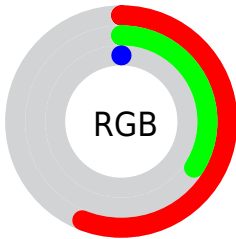
Format	Color
RYB	92, 142, 0
Decimal	9328128
CIELab	41.85, 17.69, 50.44
CIELCh	42, 53.456, 70.678
Yxy	12.4064, 0.5078, 0.4350
Android (android.graphics.Color)	4287518208 (0xFF8E5600)
YUV	92.9400, -45.8194, 43.0256
Hunter-Lab	35.2227, 11.7573, 21.9099

Details

The Hex color **8E5600** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **00388E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **C9883A**, and **562800** is the 20% darker color. If you saturate the color by 10%, you get **8E5600**, and if you desaturate by 10%, it is **8E5C0E**.

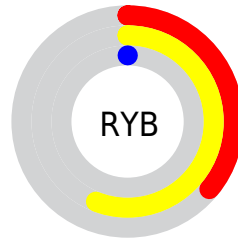
Distribution



Red (56%)

Green (34%)

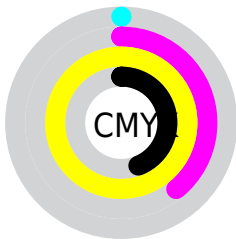
Blue (0%)



Red (36%)

Yellow (56%)

Blue (0%)

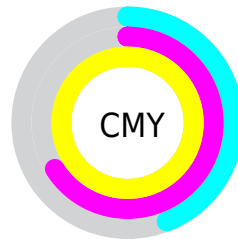


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E5600 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 8E5600 by changing the saturation by 10% instead.

 8E5600

 8E5600

 FFFFF7

 723F00

 C9883A

 562800

 E7A253

 3B1300

 FFBD6D

 230000

 FFD987

 000000

 FFF5A2

 FFFFBD

 FFFFDA

 8E5600

 8E5C0E

 8E611C

 8E672B

 8E6C39

 8E7247

 8E7855

 8E7D63

 8E8372

 8E8880

Harmonies

Analogous

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



A8422B



8E5600



696600

Triad

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



8E5600



007772



784FA6

Complementary

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



8E5600



00388E

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.



0063BA



8E5600



00759B

Square

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



8E5600



007544



006FB6



A23B81

Rectangle

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



8E5600



4A6D06



006FB6



6257AF

Sweetspot

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



8E5600



B8A281



8E0039



5C4F3B



DBDBDB



5C5C5C

Same Dimension

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



8E5600



B86F00



808E00



474540



875200



080500

Inverse Universe

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



00388E



0048B8



0E008E



404347



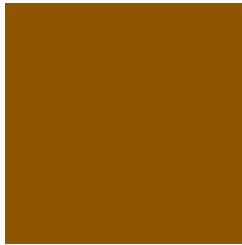
003587



000308

Previews

White Background



This preview shows how the Hex color 8E5600 looks on a white background.

Color Contrast Check

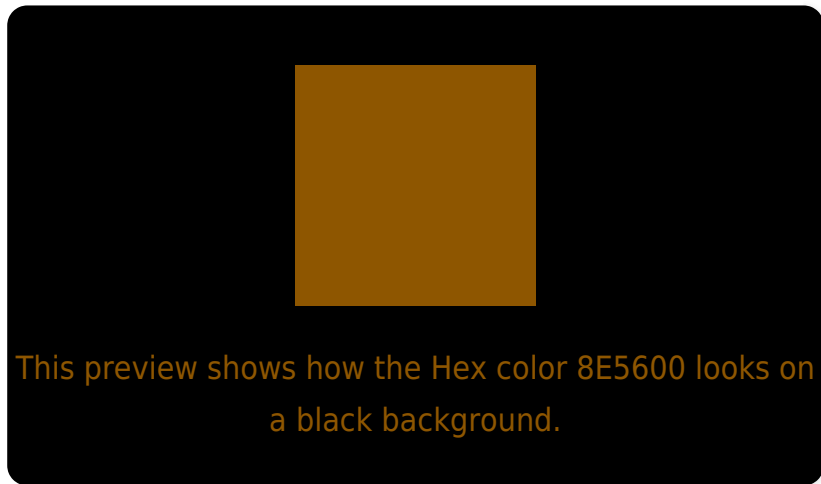
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E5600 Background



This preview shows how black text looks on a background with the Hex color 8E5600.



This preview shows how white text looks on a background with the Hex color 8E5600.

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
8E5600

Protanopia
70640B

Deuteranopia
7E5E00

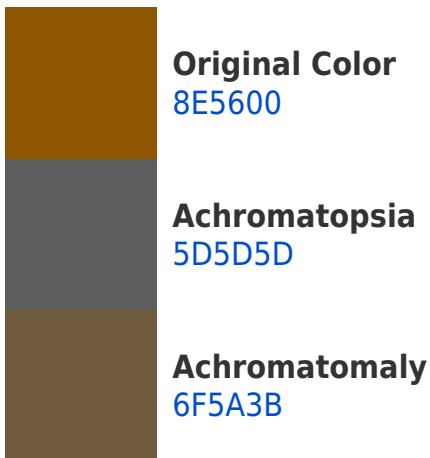


Tritanopia
915056

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8E5600 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 #8E5600 looks like.

```
.text, #text, p{  
    color:#8E5600  
}
```

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 #8E5600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E5600
}
```

Border

The CSS property to change the border of an element to Hex 8E5600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

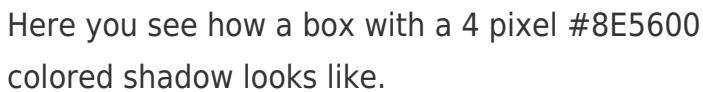
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E5600 }
```

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

```
.border{ border-color:#8E5600 }
```

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



Here you see how a box with a 4 pixel #8E5600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E5600; -webkit-box-shadow:4px 4px  
4px 4px #8E5600; box-shadow:4px 4px 4px  
4px #8E5600 }
```

Background

The CSS property to change the background color of an element to Hex 8E5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E5600 }
```

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

```
.background{ background-color:#8E5600 }
```

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