

Converting Colors

Hex(8A3500)

Have a look what the booklet for
Hex(8A3500) contains.

Hex(8A3500)	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(8A3500)

Conversions

Conversions Part 1

Format	Color
Hex	8A3500
RGB	138, 53, 0
RGB Percent	54%, 21%, 0%
CMY	0.4588, 0.7922, 1.0000
CMYK	0.00, 0.62, 1.00, 0.46
HSL	23°, 100%, 27%
HSV	23°, 100%, 54%
XYZ	11.7543, 7.9495, 0.9149
YIQ	72.3730, 67.6730, 1.5370

Conversions

Conversions Part 2

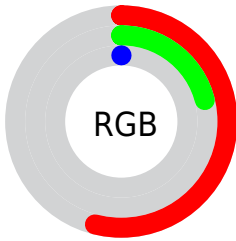
Format	Color
R_{YB}	138, 86, 0
Decimal	9057536
CIE _{Lab}	33.88, 34.12, 45.32
CIE _{LCh}	34, 56.731, 53.027
Yxy	7.9495, 0.5701, 0.3855
Android (android.graphics.Color)	4287247616 (0xFF8A3500)
YUV	72.3730, -35.6799, 57.5549
Hunter-Lab	28.1948, 25.0752, 17.8125

Details

The Hex color **8A3500** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00558A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **C66732**, and **500100** is the 20% darker color. If you saturate the color by 10%, you get **8A3500**, and if you desaturate by 10%, it is **8A3D0E**.

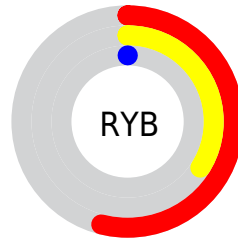
Distribution



Red (54%)

Green (21%)

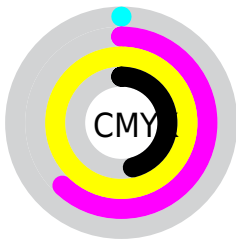
Blue (0%)



Red (54%)

Yellow (34%)

Blue (0%)

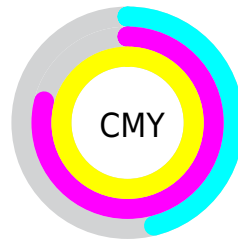


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A3500 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 8A3500 by changing the saturation by 10% instead.

 8A3500

 8A3500

 FFFFEB

 6D1C00

 C66732

 500100

 E5814B

 350000

 FF9B64

 120000

 FFB67D

 000000

 FFD298

 FFEFB3

 FFFFCE

 8A3500

 8A3D0E

 8A461C

 8A4F29

 8A5737

 8A5F45

 8A6853

 8A7161

 8A796E

 8A827C

Harmonies

Analogous

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



9C1A30



8A3500



6B4A00

Triad

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



8A3500



006243



2E49A4

Complementary

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



8A3500



00558A

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.



0059AA



8A3500



006372

Square

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



8A3500



005F12



006198



7A2F87

Rectangle

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



8A3500



505400



006198



004FA9

Sweetspot

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



8A3500



B3927D



8A0055



594539



D9D9D9



595959

Same Dimension

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



8A3500



B34500



8A7A00



45413E



853300



050200

Inverse Universe

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



00558A



006EB3



00108A



3E4245



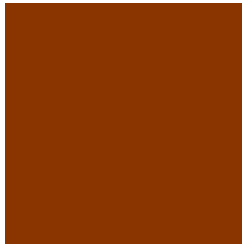
005285



000305

Previews

White Background



This preview shows how the Hex color 8A3500 looks on a white background.

Color Contrast Check

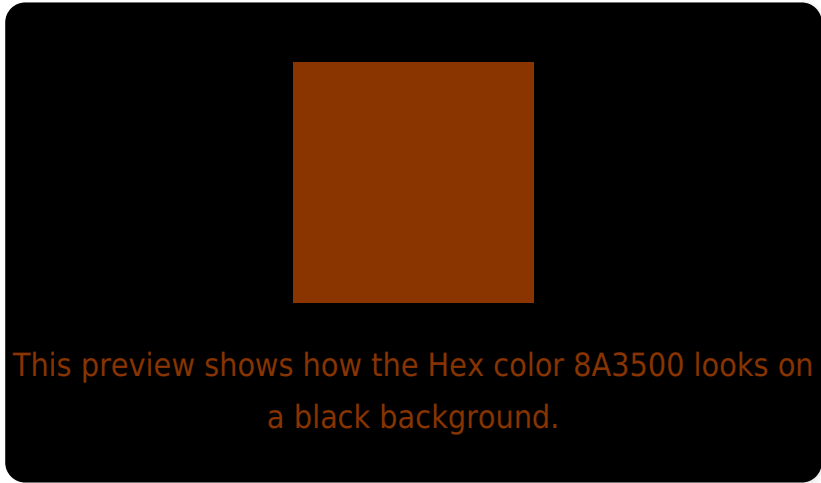
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A3500 Background



This preview shows how black text looks on a background with the Hex color 8A3500.



This preview shows how white text looks on a background with the Hex color 8A3500.

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
8A3500

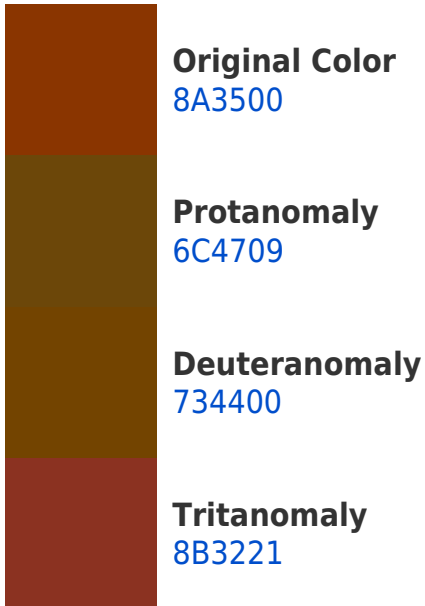
Protanopia
5B510E

Deuteranopia
664D00

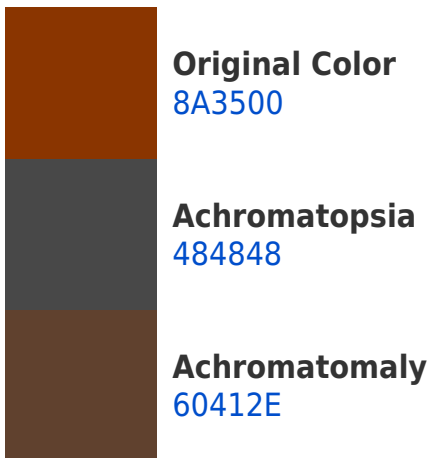


Tritanopia
8B3134

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A3500 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 #8A3500 looks like.

```
.text, #text, p{  
    color:#8A3500  
}
```

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 #8A3500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A3500
}
```

Border

The CSS property to change the border of an element to Hex 8A3500 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".

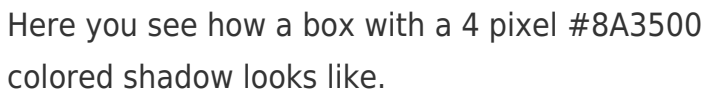
```
.border, #border, table{ border:4px solid
#8A3500 }
```

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

```
.border{ border-color:#8A3500 }
```

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

Here you see how a box with a 4 pixel #8A3500 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A3500; -webkit-box-shadow:4px 4px  
4px 4px #8A3500; box-shadow:4px 4px 4px  
4px #8A3500 }
```

Background

The CSS property to change the background color of an element to Hex 8A3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A3500 }
```

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

```
.background{ background-color:#8A3500 }
```

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