

# Converting Colors

Hex(8E7300)

Have a look what the booklet for  
Hex(8E7300) contains.

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**Color**

**Hex(8E7300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E7300
RGB	142, 115, 0
RGB Percent	56%, 45%, 0%
CMY	0.4431, 0.5490, 1.0000
CMYK	0.00, 0.19, 1.00, 0.44
HSL	49°, 100%, 28%
HSV	49°, 100%, 56%
XYZ	17.2861, 18.0123, 2.5656
YIQ	109.9630, 53.0070, -30.0410

# Conversions

## Conversions Part 2

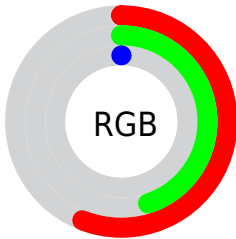
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 142, 0
Decimal	9335552
CIE <sub>Lab</sub>	49.51, 0.91, 55.61
CIE <sub>LCh</sub>	50, 55.619, 89.063
Yxy	18.0123, 0.4565, 0.4757
Android (android.graphics.Color)	4287525632 (0xFF8E7300)
YUV	109.9630, -54.2118, 28.0964
Hunter-Lab	42.4408, -1.5688, 26.1244

# Details

The Hex color **8E7300** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **001B8E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **C8A740**, and **574300** is the 20% darker color. If you saturate the color by 10%, you get **8E7300**, and if you desaturate by 10%, it is **8E760E**.

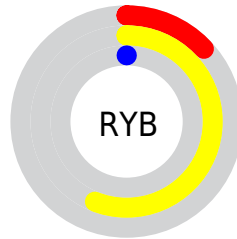
# Distribution



Red (56%)

Green (45%)

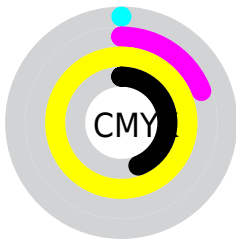
Blue (0%)



Red (13%)

Yellow (56%)

Blue (0%)

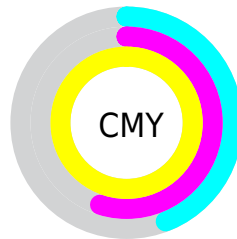


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E7300 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 8E7300 by changing the saturation by 10% instead.



 8E7300

 8E7300

FFFFFF

 725B00

 C8A740

 574300

 E5C25A

 3C2E00

 FFDD75

 241900

 FFFA8F

 000000

 FFFFAB

 FFFFC7

 FFFFE4

 8E7300

 8E760E

 8E781C

 8E7B2B

 8E7E39

 8E8147

 8E8355

 8E8663

 8E8972

 8E8B80

# Harmonies

## Analogous

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



B26022



8E7300



5F8017

# Triad

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



8E7300



008BA2



AD54A7

# Complementary

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



8E7300



001B8E

# 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.



716AC9



8E7300



0087C6

# Square

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



8E7300



008B73



007CD4



C74679

# Rectangle

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



8E7300



348633



007CD4



9D5BB4



# Sweetspot

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



8E7300



B8AD81



8E001C



5C563B



DBDBDB



5C5C5C



# Same Dimension

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



8E7300



B89500



638E00



474640



876D00



080600



# Inverse Universe

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



001B8E



0023B8



2B008E



404247



001A87

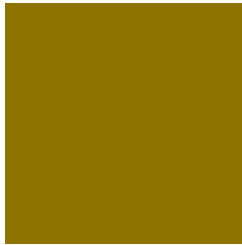


000108



# Previews

## White Background



This preview shows how the Hex color 8E7300 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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E7300 Background



This preview shows how black text looks on a background with the Hex color 8E7300.



This preview shows how white text looks on a background with the Hex color 8E7300.

# 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**  
8E7300

**Protanopia**  
857606

**Deuteranopia**  
95700A



**Tritanopia**  
946B73

# Trichromacy



**Original Color**  
8E7300

**Protanomaly**  
887504

**Deuteranomaly**  
927106

**Tritanomaly**  
926E49

# Monochromacy



**Original Color**  
8E7300

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
7A7046

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E7300 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 #8E7300 looks like.

```
.text, #text, p{  
    color:#8E7300  
}
```

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 #8E7300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E7300
}
```

## Border

The CSS property to change the border of an element to Hex 8E7300 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
#8E7300 }
```

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

```
.border{ border-color:#8E7300 }
```

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

Here you see how a box with a 4 pixel #8E7300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E7300; -webkit-box-shadow:4px 4px  
4px 4px #8E7300; box-shadow:4px 4px 4px  
4px #8E7300 }
```

# Background

The CSS property to change the background color of an element to Hex 8E7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E7300 }
```

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

```
.background{ background-color:#8E7300 }
```

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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