

# Converting Colors

Hex(E08500)

Have a look what the booklet for  
Hex(E08500) contains.

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**Color**

**Hex(E08500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E08500
RGB	224, 133, 0
RGB Percent	88%, 52%, 0%
CMY	0.1216, 0.4784, 1.0000
CMYK	0.00, 0.41, 1.00, 0.12
HSL	36°, 100%, 44%
HSV	36°, 100%, 88%
XYZ	39.1280, 32.6224, 4.2345
YIQ	145.0470, 96.9290, -22.0710

# Conversions

## Conversions Part 2

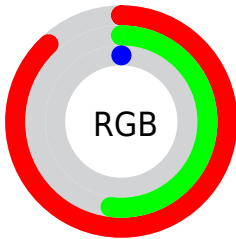
Format	Color
<a href="#">RYB</a>	153, 224, 0
Decimal	14714112
CIELab	63.85, 27.75, 69.92
CIELCh	64, 75.226, 68.350
Yxy	32.6224, 0.5149, 0.4293
Android (android.graphics.Color)	4292904192 (0xFFE08500)
YUV	145.0470, -71.5082, 69.2418
Hunter-Lab	57.1160, 22.3306, 35.5855

# Details

The Hex color **E08500** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **005BE0**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFBB48**, and **A25300** is the 20% darker color. If you saturate the color by 10%, you get **E08500**, and if you desaturate by 10%, it is **E08E16**.

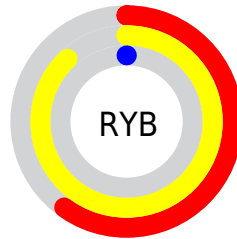
# Distribution



Red (88%)

Green (52%)

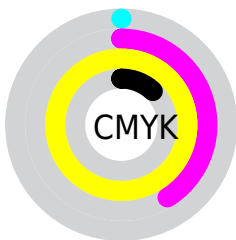
Blue (0%)



Red (60%)

Yellow (88%)

Blue (0%)

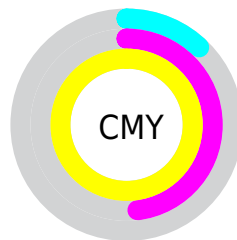


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (48%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E08500 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 E08500 by changing the saturation by 10% instead.



 E08500

 E08500

FFFFFF

 C16B00

 FFBB48

 A25300

 FFD663

 843B00

 FFF37F

 662400

 FFFF9A

 4A0C00

 FFFFB7

 300000

 FFFFD3

 030000

 FFFFF0

 000000

 E08500

 E08E16

 E0972D

 E0A043

 E0A95A

 E0B370

 E0BC86

 E0C59D

 E0CEB3

 E0D7CA

# Harmonies

## Analogous

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



FF664B



E08500



A89E00

# Triad

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



E08500



00B9AC



B480FF

# Complementary

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



E08500



005BE0

# 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.



009DFF



E08500



00B7ED

# Square

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



E08500



00B666



00AFFF



F85FCE

# Rectangle

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



E08500



7BA900



00AFFF



8F8AFF



# Sweetspot

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



E08500



FFE0B3



E0005D



806D52



000000



808080



# Same Dimension

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



E08500



FF9700



CDE000



706C65



B06800



301D00



# Inverse Universe

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



005BE0



0068FF



1300E0



656A70



0047B0



001430



# Previews

## White Background



This preview shows how the Hex color E08500 looks on a white background.

## Color Contrast Check

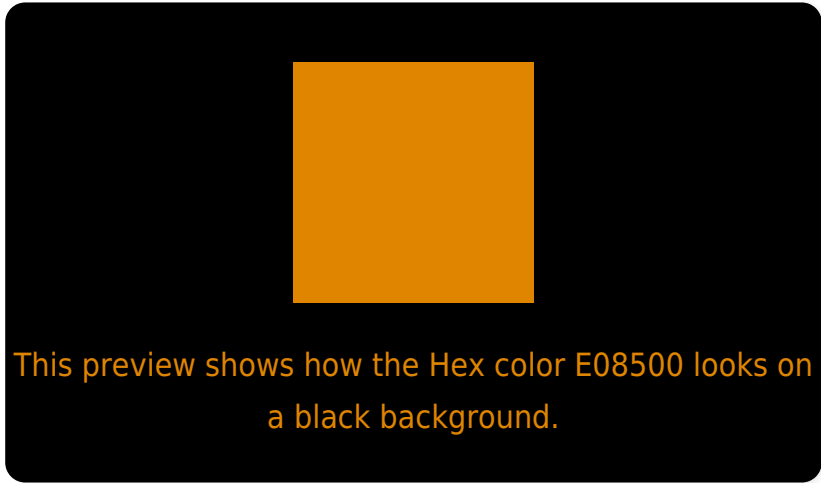
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



## Hex E08500 Background



This preview shows how black text looks on a background with the Hex color E08500.



This preview shows how white text looks on a background with the Hex color E08500.

# 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**  
E08500

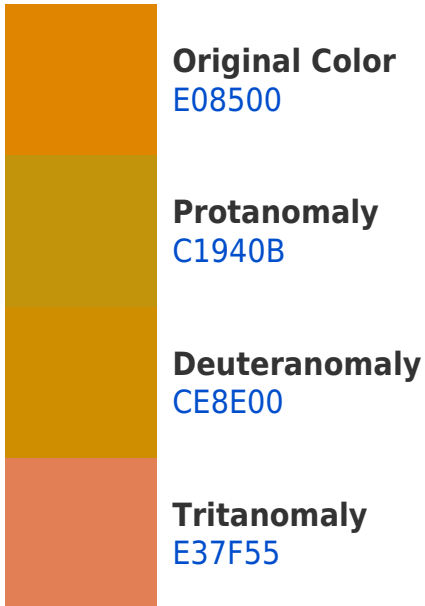
**Protanopia**  
AF9C11

**Deuteranopia**  
C49300



**Tritanopia**  
E57C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E08500 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 #E08500 looks like.

```
.text, #text, p{  
    color:#E08500  
}
```

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 #E08500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E08500
}
```

## Border

The CSS property to change the border of an element to Hex E08500 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
#E08500 }
```

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

```
.border{ border-color:#E08500 }
```

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

Here you see how a box with a 4 pixel #E08500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E08500; -webkit-box-shadow:4px 4px  
4px 4px #E08500; box-shadow:4px 4px 4px  
4px #E08500 }
```

# Background

The CSS property to change the background color of an element to Hex E08500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E08500 }
```

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

```
.background{ background-color:#E08500 }
```

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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