

# Converting Colors

Hex(E8A800)

Have a look what the booklet for  
Hex(E8A800) contains.

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**Color**

**Hex(E8A800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8A800
RGB	232, 168, 0
RGB Percent	91%, 66%, 0%
CMY	0.0902, 0.3412, 1.0000
CMYK	0.00, 0.28, 1.00, 0.09
HSL	43°, 100%, 45%
HSV	43°, 100%, 91%
XYZ	47.2813, 45.1611, 6.2250
YIQ	167.9840, 92.0720, -38.6800

# Conversions

## Conversions Part 2

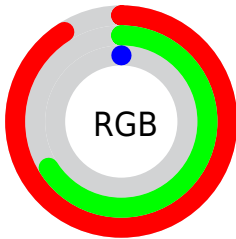
Format	Color
<a href="#">RYB</a>	88, 232, 0
Decimal	15247360
CIELab	73.00, 12.56, 76.40
CIELCh	73, 77.424, 80.661
Yxy	45.1611, 0.4792, 0.4577
Android (android.graphics.Color)	4293437440 (0xFFE8A800)
YUV	167.9840, -82.8161, 56.1420
Hunter-Lab	67.2020, 7.9839, 41.5493

# Details

The Hex color **E8A800** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **0040E8**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFDF4F**, and **AB7400** is the 20% darker color. If you saturate the color by 10%, you get **E8A800**, and if you desaturate by 10%, it is **E8AE17**.

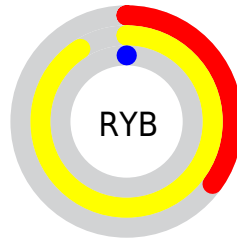
# Distribution



Red (91%)

Green (66%)

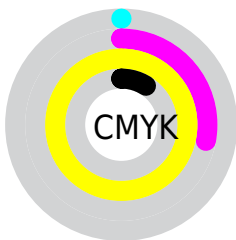
Blue (0%)



Red (35%)

Yellow (91%)

Blue (0%)

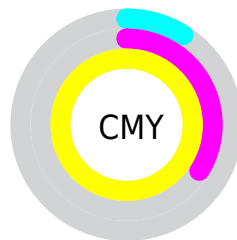


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (34%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8A800 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 E8A800 by changing the saturation by 10% instead.



 E8A800

 E8A800

FFFFFF

 C98E00

 FFDF4F

 AB7400

 FFFB6B

 8D5C00

 FFFF88

 6F4500

 FFFFA4

 532E00

 FFFFC1

 381A00

 FFFFDE

 210100

 FFFFFC

 000000

 E8A800

 E8AE17

 E8B52E

 E8BB46

 E8C25D

 E8C874

 E8CE8B

 E8D5A2

 E8DBBA

 E8E2D1

# Harmonies

## Analogous

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



FF8A45



E8A800



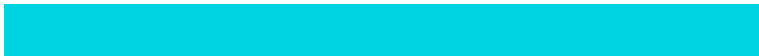
A7BE0B

# Triad

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



E8A800



00D4E3



F289FF

# Complementary

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



E8A800



0040E8

# 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.



85AAFF



E8A800



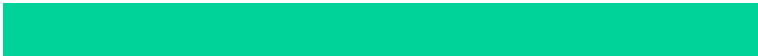
00CFFF

# Square

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



E8A800



00D39A



00C2FF



FF6ECD

# Rectangle

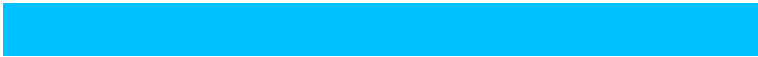
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E8A800



6FC83C



00C2FF



D695FF

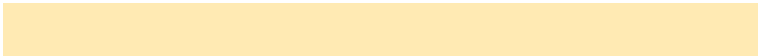


# Sweetspot

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



E8A800



FFEAB3



E80042



807352



000000



808080



# Same Dimension

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



E8A800



FFB900



B6E800



737067



B38100



332500



# Inverse Universe

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



0040E8



0046FF



3200E8



676A73



0031B3



000E33



# Previews

## White Background



This preview shows how the Hex color E8A800 looks on a white background.

## Color Contrast Check

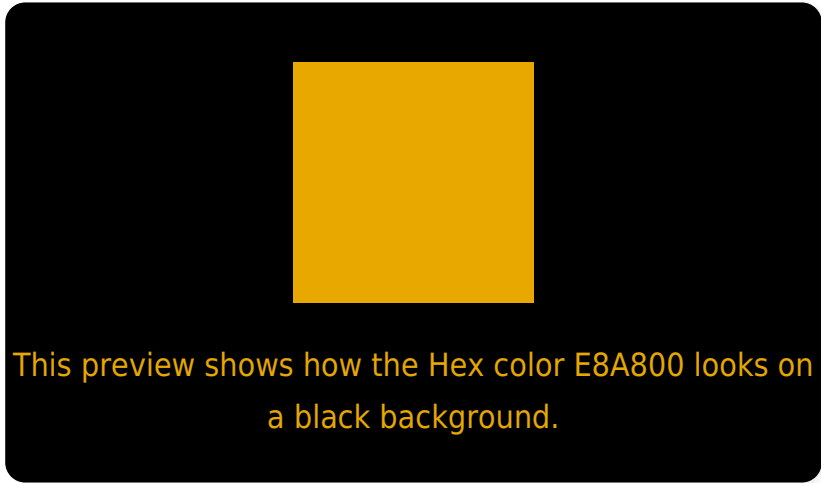
Large Text (above 18pt) WCAG AA × Fail

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 E8A800 Background



This preview shows how black text looks on a background with the Hex color E8A800.



This preview shows how white text looks on a background with the Hex color E8A800.

# 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**  
E8A800

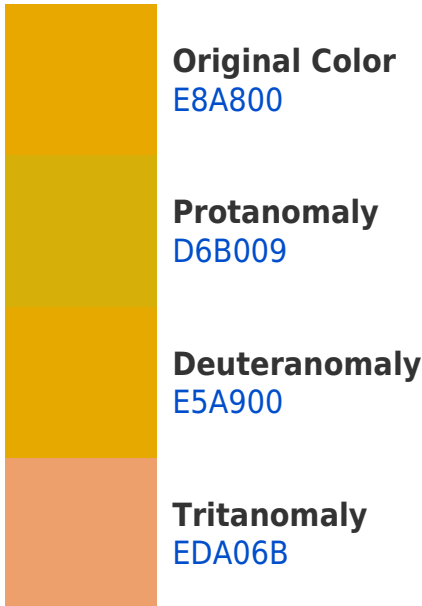
**Protanopia**  
CBB40E

**Deuteranopia**  
E3AA00

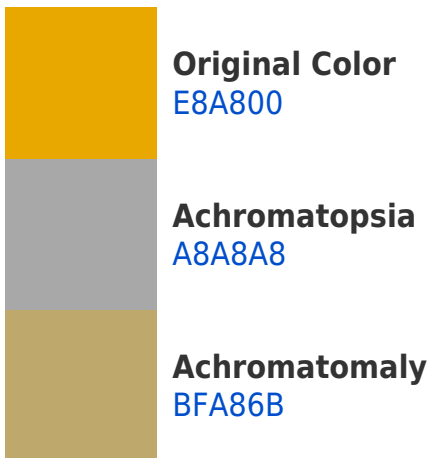


**Tritanopia**  
F09CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8A800 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 #E8A800 looks like.

```
.text, #text, p{  
    color:#E8A800  
}
```

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 #E8A800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8A800
}
```

## Border

The CSS property to change the border of an element to Hex E8A800 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
#E8A800 }
```

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

```
.border{ border-color:#E8A800 }
```

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

Here you see how a box with a 4 pixel #E8A800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8A800; -webkit-box-shadow:4px 4px  
4px 4px #E8A800; box-shadow:4px 4px 4px  
4px #E8A800 }
```

# Background

The CSS property to change the background color of an element to Hex E8A800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8A800 }
```

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

```
.background{ background-color:#E8A800 }
```

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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