

# Converting Colors

Hex(CEAE1E)

Have a look what the booklet for  
Hex(CEAE1E) contains.

<b>Hex(CEAE1E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CEAE1E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEAE1E
RGB	206, 174, 30
RGB Percent	81%, 68%, 12%
CMY	0.1922, 0.3176, 0.8824
CMYK	0.00, 0.16, 0.85, 0.19
HSL	49°, 75%, 46%
HSV	49°, 85%, 81%
XYZ	40.8240, 43.4877, 7.4706
YIQ	167.1520, 65.2960, -38.0000

# Conversions

## Conversions Part 2

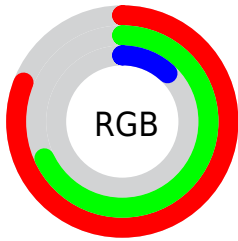
Format	Color
<a href="#">RYB</a>	69, 206, 30
Decimal	13544990
CIELab	71.88, -1.56, 69.65
CIELCh	72, 69.666, 91.286
Yxy	43.4877, 0.4448, 0.4738
Android (android.graphics.Color)	4291735070 (0xFFCEAE1E)
YUV	167.1520, -67.6159, 34.0697
Hunter-Lab	65.9452, -4.9019, 39.4450

# Details

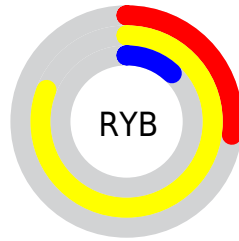
The Hex color **CEAE1E** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1E3ECE**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFE55B**, and **937A00** is the 20% darker color. If you saturate the color by 10%, you get **CEAA09**, and if you desaturate by 10%, it is **CEB233**.

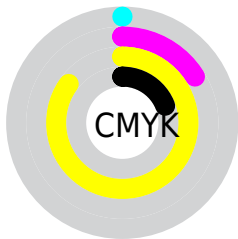
# Distribution



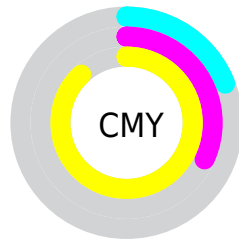
- Red (81%)
- Green (68%)
- Blue (12%)



- Red (27%)
- Yellow (81%)
- Blue (12%)



- Cyan (0%)
- Magenta (16%)
- Yellow (85%)
- Black (19%)



- Cyan (19%)
- Magenta (32%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEAE1E 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 CEAE1E by changing the saturation by 10% instead.



 CEAE1E

 CEAE1E

FFFFFF

 B09400

 FFE55B

 937A00

 FFFF77

 776200

 FFFF93

 5B4A00

 FFFFAF

 403400

 FFFFCC

 261F00

 FFFFEE

 070800

 000000

 CEAE1E

 CEAE1E

 CEEA09

 CEB233

 CEA900

 CEB547

 CEB95C

 CEBD70

 CEC185

 CEC49A

 CEC8AE

 CECCC3

 CED0D7

# Harmonies

## Analogous

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



FF963D



CEAE1E



8EBF39

# Triad

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



CEAE1E



00CDF1



FF82EE

# Complementary

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



CEAE1E



1E3ECE

# 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.



B49EFF



CEAE1E



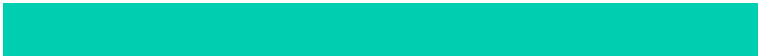
00C6FF

# Square

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



CEAE1E



00CEB1



00B7FF



FF73B0

# Rectangle

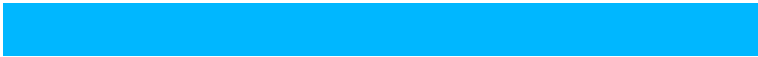
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CEAE1E



54C75C



00B7FF



EB8BFF



# Sweetspot

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



CEAE1E



FFF3BD



CE1E3E



807858



000000



808080



# Same Dimension

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



CEAE1E



FFD100



96CE1E



66645C



A68800



261F00



# Inverse Universe

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



1E3ECE



002EFF



561ECE



5C5E66



001EA6



000726



# Previews

## White Background



This preview shows how the Hex color CEAE1E looks on a white background.

## Color Contrast Check

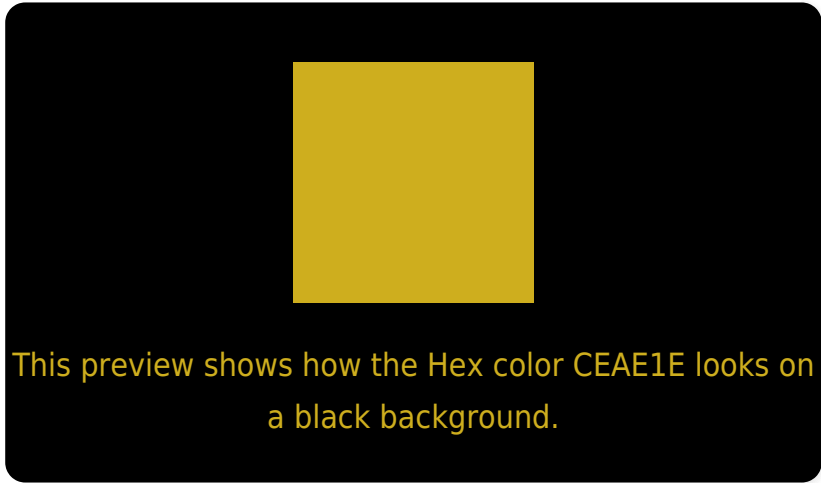
Large Text (above 18pt) WCAG AA × Fail

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 CEAE1E Background



This preview shows how black text looks on a background with the Hex color CEAE1E.



This preview shows how white text looks on a background with the Hex color CEAE1E.

# 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**  
CEAE1E

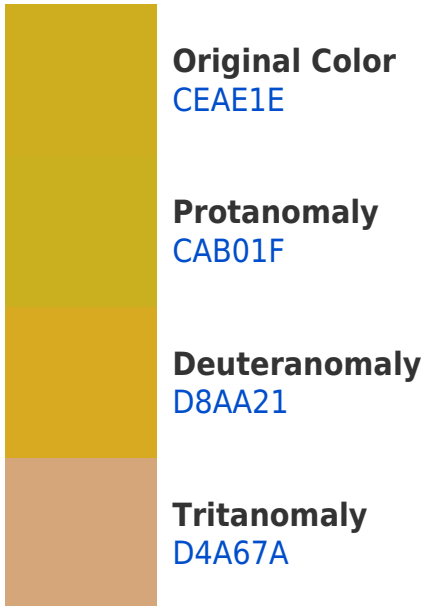
**Protanopia**  
C7B11F

**Deuteranopia**  
DEA723

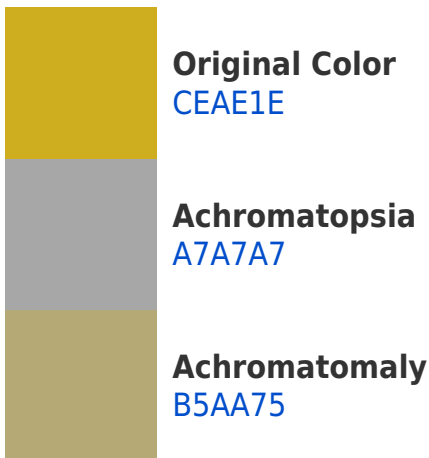


**Tritanopia**  
D7A2AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEAE1E 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 #CEAE1E looks like.

```
.text, #text, p{  
    color:#CEAE1E  
}
```

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 #CEAE1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEAE1E
}
```

## Border

The CSS property to change the border of an element to Hex CEAE1E 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
#CEAE1E }
```

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

```
.border{ border-color:#CEAE1E }
```

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

Here you see how a box with a 4 pixel #CEAE1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEAE1E; -webkit-box-shadow:4px 4px  
4px 4px #CEAE1E; box-shadow:4px 4px 4px  
4px #CEAE1E }
```

# Background

The CSS property to change the background color of an element to Hex CEAE1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEAE1E }
```

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

```
.background{ background-color:#CEAE1E }
```

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