

# Converting Colors

Hex(CEA144)

Have a look what the booklet for  
Hex(CEA144) contains.

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**Color**

**Hex(CEA144)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEA144
RGB	206, 161, 68
RGB Percent	81%, 63%, 27%
CMY	0.1922, 0.3686, 0.7333
CMYK	0.00, 0.22, 0.67, 0.19
HSL	40°, 58%, 54%
HSV	40°, 67%, 81%
XYZ	39.2419, 39.0289, 10.9339
YIQ	163.8530, 56.6730, -19.3830

# Conversions

## Conversions Part 2

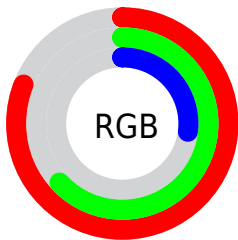
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 206, 68
Decimal	13541700
CIELab	68.77, 6.91, 53.20
CIELCh	69, 53.645, 82.594
Yxy	39.0289, 0.4399, 0.4375
Android (android.graphics.Color)	4291731780 (0xFFCEA144)
YUV	163.8530, -47.2555, 36.9629
Hunter-Lab	62.4731, 2.7950, 33.3544

# Details

The Hex color **CEA144** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4471CE**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFD878**, and **946E0A** is the 20% darker color. If you saturate the color by 10%, you get **CE9A2F**, and if you desaturate by 10%, it is **CEA859**.

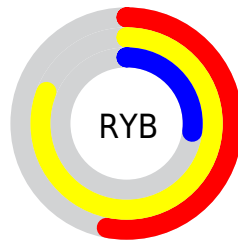
# Distribution



Red (81%)

Green (63%)

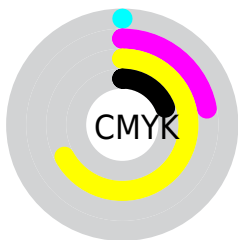
Blue (27%)



Red (53%)

Yellow (81%)

Blue (27%)

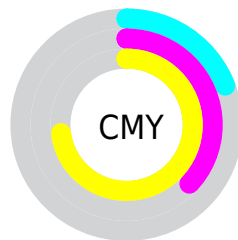


Cyan (0%)

Magenta (22%)

Yellow (67%)

Black (19%)



Cyan (19%)

Magenta (37%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEA144 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 CEA144 by changing the saturation by 10% instead.



 CEA144

 CEA144

FFFFFF

 B1872A

 FFD878

 946E0A

 FFF493

 785600

 FFFFAE

 5D3F00

 FFFFCA

 412900

 FFFFEE

 281500

 040000

 000000

 CEA144

 CEA144

 CE9A2F

 CEA859

 CE941B

 CEAE6D

 CE8D06

 CEB582

 CE8B00

 CEBC96

 CEC3AB

 CEC9C0

 CED0D4

 CED7E9

 CEDDFD

# Harmonies

## Analogous

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



F18F5C



CEA144



9FB049

# Triad

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



CEA144



00C0CC



D88CE3

# Complementary

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



CEA144



4471CE

# 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.



97A0FF



CEA144



00BBF4

# Square

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



CEA144



00BF9A



00B1FF



FB7FB6

# Rectangle

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



CEA144



7AB75D



00B1FF



C693F0



# Sweetspot

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



CEA144



FFEECC



CE4472



807661



000000



808080



# Same Dimension

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



CEA144



FFBC33



B7CE44



66635C



A67000



261A00



# Inverse Universe

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



4471CE



3376FF



5B44CE



5C5F66



0036A6

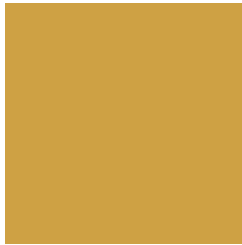


000C26



# Previews

## White Background



This preview shows how the Hex color CEA144 looks on a white background.

## Color Contrast Check

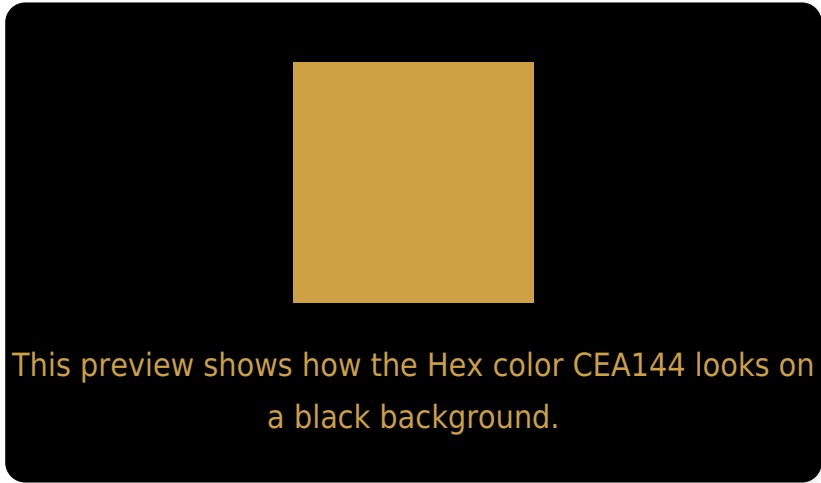
Large Text (above 18pt) WCAG AA × Fail

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 CEA144 Background



This preview shows how black text looks on a background with the Hex color CEA144.



This preview shows how white text looks on a background with the Hex color CEA144.

# 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**  
CEA144

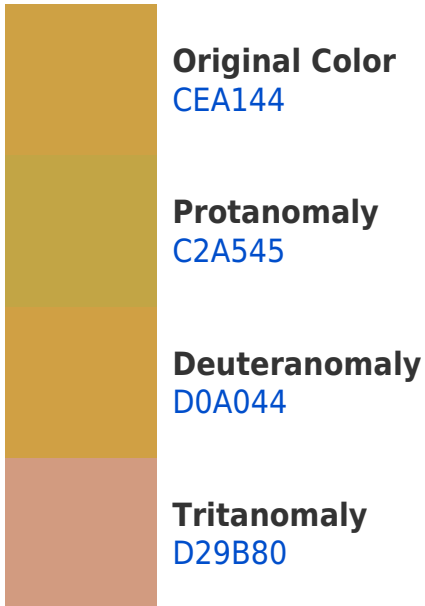
**Protanopia**  
BBA846

**Deuteranopia**  
D1A044

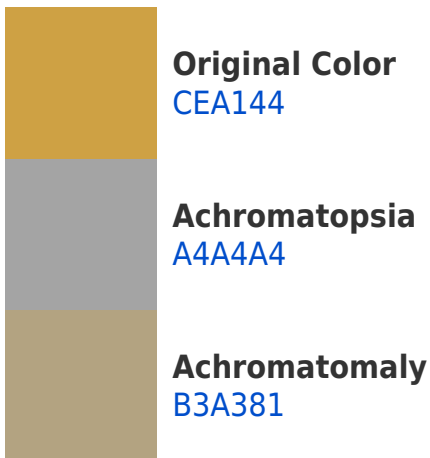


**Tritanopia**  
D597A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEA144 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 #CEA144 looks like.

```
.text, #text, p{  
    color:#CEA144  
}
```

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 #CEA144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA144
}
```

## Border

The CSS property to change the border of an element to Hex CEA144 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
#CEA144 }
```

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

```
.border{ border-color:#CEA144 }
```

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

Here you see how a box with a 4 pixel #CEA144 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA144; -webkit-box-shadow:4px 4px  
4px 4px #CEA144; box-shadow:4px 4px 4px  
4px #CEA144 }
```

# Background

The CSS property to change the background color of an element to Hex CEA144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA144 }
```

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

```
.background{ background-color:#CEA144 }
```

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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