

# Converting Colors

Hex(CEA95E)

Have a look what the booklet for  
Hex(CEA95E) contains.

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# **Color**

**Hex(CEA95E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEA95E
RGB	206, 169, 94
RGB Percent	81%, 66%, 37%
CMY	0.1922, 0.3373, 0.6314
CMYK	0.00, 0.18, 0.54, 0.19
HSL	40°, 53%, 59%
HSV	40°, 54%, 81%
XYZ	41.6619, 42.3059, 16.5597
YIQ	171.5130, 46.1270, -15.4810

# Conversions

## Conversions Part 2

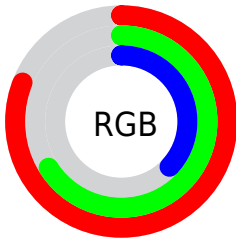
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 206, 94
Decimal	13543774
CIELab	71.08, 4.46, 43.38
CIELCh	71, 43.613, 84.126
Yxy	42.3059, 0.4144, 0.4208
Android (android.graphics.Color)	4291733854 (0xFFCEA95E)
YUV	171.5130, -38.2139, 30.2451
Hunter-Lab	65.0430, 0.5093, 30.4351

# Details

The Hex color **CEA95E** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5E83CE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE092**, and **95752C** is the 20% darker color. If you saturate the color by 10%, you get **CEA249**, and if you desaturate by 10%, it is **CEB073**.

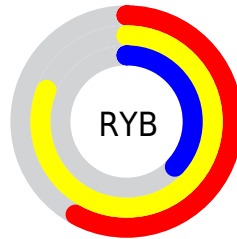
# Distribution



Red (81%)

Green (66%)

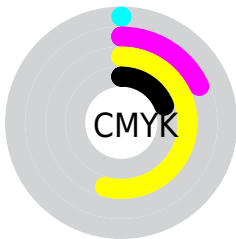
Blue (37%)



Red (58%)

Yellow (81%)

Blue (37%)

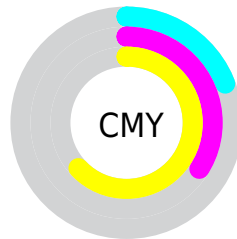


Cyan (0%)

Magenta (18%)

Yellow (54%)

Black (19%)



Cyan (19%)

Magenta (34%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEA95E 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 CEA95E by changing the saturation by 10% instead.





CEA95E



CEA95E

FFFFFF



B18F45



FFE092



95752C



FFFDAD



795D13



FFFFC9



5F4500



FFFFE5



452F00



2B1B00



100000



000000



CEA95E



CEA95E

 CEA249

 CEB073

 CE9B35

 CEB787

 CE9520

 CEBD9C

 CE8E0C

 CEC4B0

 CE8A00

 CECBC5

 CED2DA

 CED9EE

 CEDFFF

 CEE6FF

# Harmonies

## Analogous

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



EB9B6F



CEA95E



A7B564

# Triad

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



CEA95E



00C2CD



D898DD

# Complementary

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



CEA95E



5E83CE

# 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.



A6A7F6



CEA95E



00BEED

# Square

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



CEA95E



39C2A5



5FB4FD



F48FB7

# Rectangle

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



CEA95E



88BC73



5FB4FD



CA9DE7

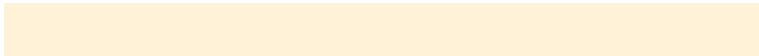


# Sweetspot

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



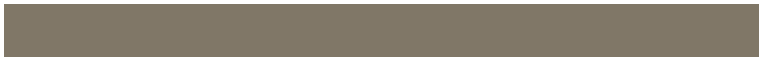
CEA95E



FFF2D6



CE5E83



807767



000000



808080



# Same Dimension

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



CEA95E



FFC859



BBCE5E



66635C



A66F00



261A00



# Inverse Universe

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



5E83CE



5990FF



715ECE



5C5F66



0037A6

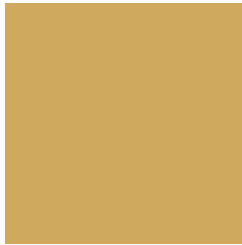


000D26



# Previews

## White Background



This preview shows how the Hex color CEA95E looks on a white background.

## Color Contrast Check

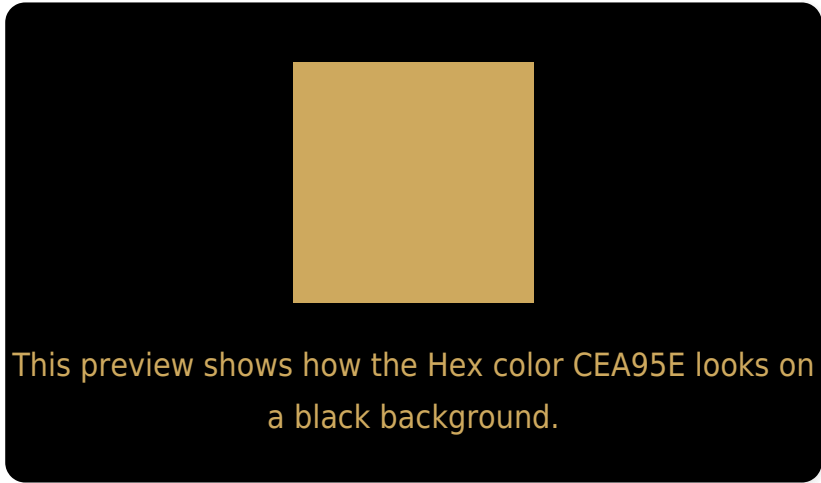
Large Text (above 18pt) WCAG AA × Fail

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 CEA95E Background



This preview shows how black text looks on a background with the Hex color CEA95E.



This preview shows how white text looks on a background with the Hex color CEA95E.

# 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**  
CEA95E

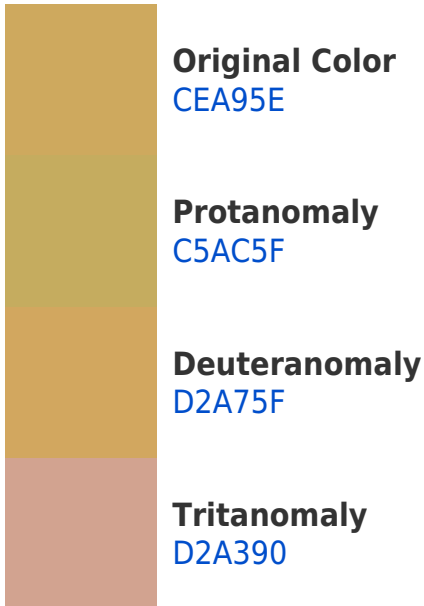
**Protanopia**  
C0AE60

**Deuteranopia**  
D5A65F

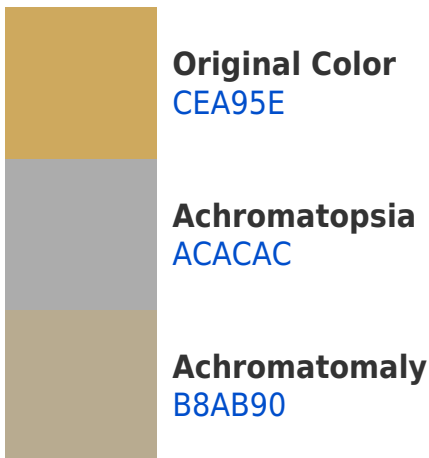


**Tritanopia**  
D5A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEA95E 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 #CEA95E looks like.

```
.text, #text, p{  
    color:#CEA95E  
}
```

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 #CEA95E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA95E
}
```

## Border

The CSS property to change the border of an element to Hex CEA95E 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
#CEA95E }
```

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

```
.border{ border-color:#CEA95E }
```

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

Here you see how a box with a 4 pixel #CEA95E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA95E; -webkit-box-shadow:4px 4px  
4px 4px #CEA95E; box-shadow:4px 4px 4px  
4px #CEA95E }
```

# Background

The CSS property to change the background color of an element to Hex CEA95E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA95E }
```

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

```
.background{ background-color:#CEA95E }
```

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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