

# Converting Colors

Hex(CEAB73)

Have a look what the booklet for  
Hex(CEAB73) contains.

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# **Color**

**Hex(CEAB73)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | CEAB73                     |
| RGB         | 206, 171, 115              |
| RGB Percent | 81%, 67%, 45%              |
| CMY         | 0.1922, 0.3294, 0.5490     |
| CMYK        | 0.00, 0.17, 0.44, 0.19     |
| HSL         | 37°, 48%, 63%              |
| HSV         | 37°, 44%, 81%              |
| XYZ         | 43.1110, 43.4854, 22.3410  |
| YIQ         | 175.0810, 38.8360, -9.9960 |

# Conversions

## Conversions Part 2

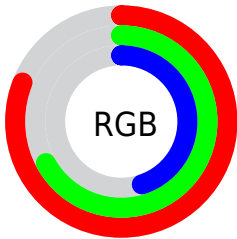
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">172, 206, 115</a>               |
| Decimal                             | <a href="#">13544307</a>                    |
| CIELab                              | <a href="#">71.88, 5.36, 33.56</a>          |
| CIELCh                              | <a href="#">72, 33.986, 80.926</a>          |
| Yxy                                 | <a href="#">43.4854, 0.3957, 0.3992</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4291734387<br/>(0xFFCEAB73)</a> |
| YUV                                 | <a href="#">175.0810, -29.6199, 27.1160</a> |
| Hunter-Lab                          | <a href="#">65.9435, 1.2945, 26.0736</a>    |

# Details

The Hex color **CEAB73** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7396CE**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFE2A8**, and **967742** is the 20% darker color. If you saturate the color by 10%, you get **CEA35E**, and if you desaturate by 10%, it is **CEB388**.

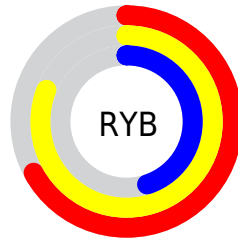
# Distribution



Red (81%)

Green (67%)

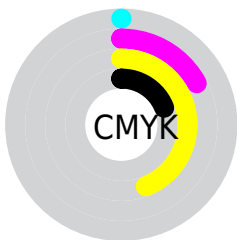
Blue (45%)



Red (67%)

Yellow (81%)

Blue (45%)

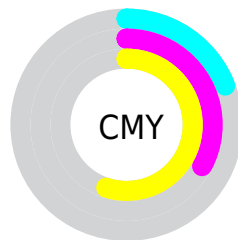


Cyan (0%)

Magenta (17%)

Yellow (44%)

Black (19%)



Cyan (19%)

Magenta (33%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEAB73 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 CEAB73 by changing the saturation by 10% instead.



 CEAB73

 CEAB73

FFFFFF

 B2915A

 FFE2A8

 967742

 FFFFC3

 7B5E2A

 FFFFDF

 604713

 FFFFFC

 473000

 2E1C00

 150200

 000000

 CEAB73

 CEAB73

 CEA35E

 CEB388

 CE9B4A

 CE9B9C

 CE9335

 CEC3B1

 CE8B21

 CECBC5

 CE830C

 CED3DA

 CE7F00

 CEDBEF

 CEE2FF

 CEEAFF

 CEF2FF

# Harmonies

## Analogous

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



E4A181



CEAB73



AFB575

# Triad

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



CEAB73



48C1C5



CEA1D8

# Complementary

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



CEAB73



7396CE

# 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.



A7ACEA



CEAB73



4DBDDF

# Square

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



CEAB73



66C0A5



77B6ED



E79ABB

# Rectangle

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



CEAB73



98BA80



77B6ED



C3A4DF

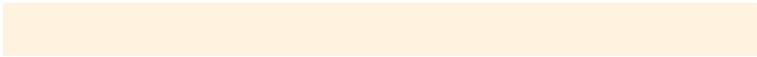


# Sweetspot

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



CEAB73



FFF2DE



CE7397



80786B



000000



808080



# Same Dimension

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



CEAB73



FFCB78



C5CE73



66625C



A66600



261800



# Inverse Universe

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



7396CE



78ACFF



7C73CE



5C6066



0040A6



000F26



# Previews

## White Background



This preview shows how the Hex color CEAB73 looks on a white background.

## Color Contrast Check

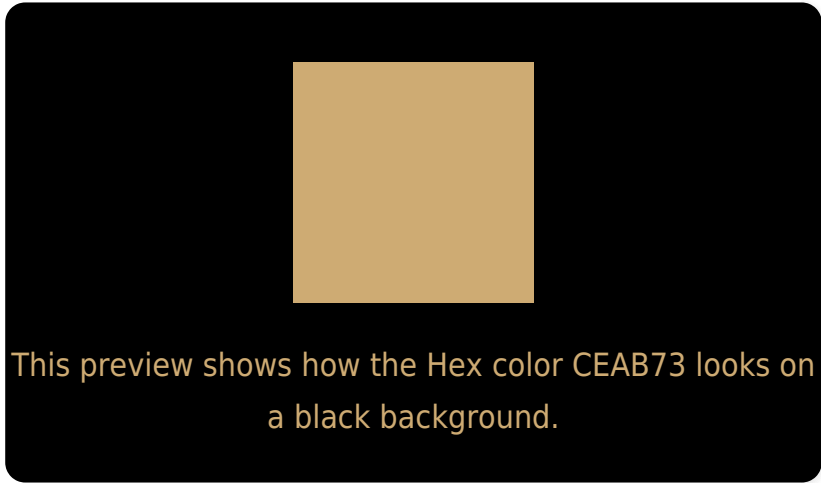
Large Text (above 18pt) WCAG AA × Fail

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

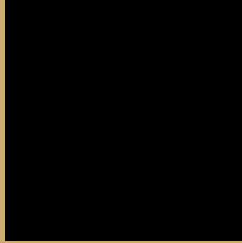
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEAB73 Background



This preview shows how black text looks on a background with the Hex color CEAB73.

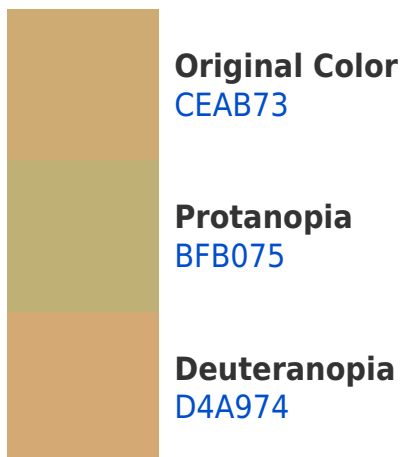



This preview shows how white text looks on a background with the Hex color CEAB73.

# 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](#).

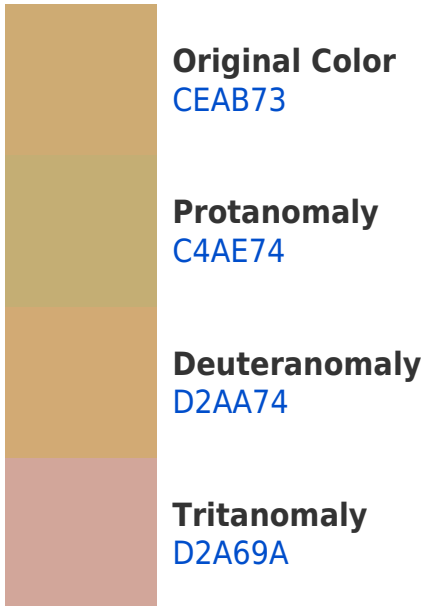
## Dichromacy



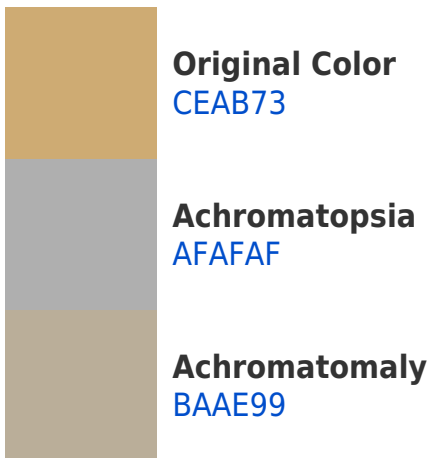


**Tritanopia**  
D4A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEAB73 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 #CEAB73 looks like.

```
.text, #text, p{  
    color:#CEAB73  
}
```

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 #CEAB73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEAB73  
}
```

## Border

The CSS property to change the border of an element to Hex CEAB73 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  
#CEAB73 }
```

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

```
.border{ border-color:#CEAB73 }
```

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

Here you see how a box with a 4 pixel #CEAB73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEAB73; -webkit-box-shadow:4px 4px  
4px 4px #CEAB73; box-shadow:4px 4px 4px  
4px #CEAB73 }
```

# Background

The CSS property to change the background color of an element to Hex CEAB73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEAB73 }
```

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

```
.background{ background-color:#CEAB73 }
```

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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