

Converting Colors

Hex(CEA573)

Have a look what the booklet for
Hex(CEA573) contains.

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Color

Hex(CEA573)

Conversions

Conversions Part 1

Format	Color
Hex	CEA573
RGB	206, 165, 115
RGB Percent	81%, 65%, 45%
CMY	0.1922, 0.3529, 0.5490
CMYK	0.00, 0.20, 0.44, 0.19
HSL	33°, 48%, 63%
HSV	33°, 44%, 81%
XYZ	42.0032, 41.2699, 21.9717
YIQ	171.5590, 40.4860, -6.8580

Conversions

Conversions Part 2

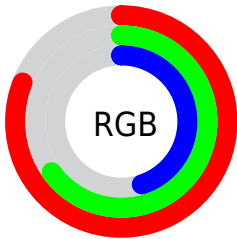
Format	Color
RYB	190, 206, 115
Decimal	13542771
CIELab	70.36, 8.59, 31.60
CIElCh	70, 32.741, 74.796
Yxy	41.2699, 0.3991, 0.3921
Android (android.graphics.Color)	4291732851 (0xFFCEA573)
YUV	171.5590, -27.8836, 30.2048
Hunter-Lab	64.2416, 4.2862, 24.6910

Details

The Hex color **CEA573** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **739CCE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFDCA8**, and **967142** is the 20% darker color. If you saturate the color by 10%, you get **CE9C5E**, and if you desaturate by 10%, it is **CEAE88**.

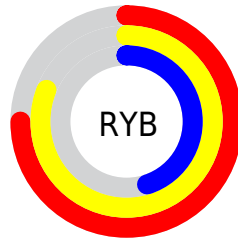
Distribution



Red (81%)

Green (65%)

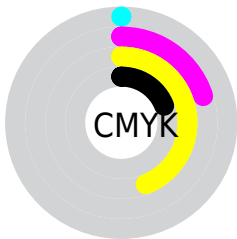
Blue (45%)



Red (75%)

Yellow (81%)

Blue (45%)

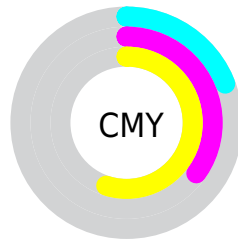


Cyan (0%)

Magenta (20%)

Yellow (44%)

Black (19%)



Cyan (19%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEA573 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 CEA573 by changing the saturation by 10% instead.

 CEA573

 CEA573

FFFFFF

 B28B5A

 FFDC A8

 967142

 FFF8C3

 7B592B

 FFFFDF

 604214

 FFFFFC

 472B00

 2E1700

 150000

 000000

 CEA573

 CEA573

 CE9C5E

 CEAE88

 CE924A

 CEB89C

 CE8935

 CEC1B1

 CE8021

 CECAC5

 CE770C

 CED3DA

 CE7100

 CEDDEF

 CEE6FF

 CEEFFF

 CEF9FF

Harmonies

Analogous

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



E19B83



CEA573



B2AF72

Triad

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



CEA573



4EBCBA



C29FD6

Complementary

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



CEA573



739CCE

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.



9AAAE5



CEA573



4ABAD5

Square

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



CEA573



6DBB9B



6DB3E5



DD97BC

Rectangle

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



CEA573



9CB47A



6DB3E5



B6A3DD

Sweetspot

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



CEA573



FFF0DE



CE739D



80766B



000000



808080

Same Dimension

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



CEA573



FFC278



CBCE73



66615C



A65B00



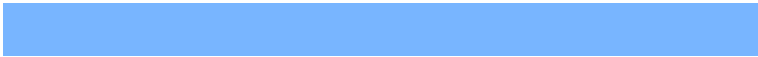
261500

Inverse Universe

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



739CCE



78B5FF



7673CE



5C6066



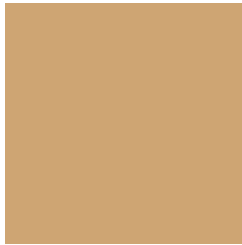
004BA6



001126

Previews

White Background



This preview shows how the Hex color CEA573 looks on a white background.

Color Contrast Check

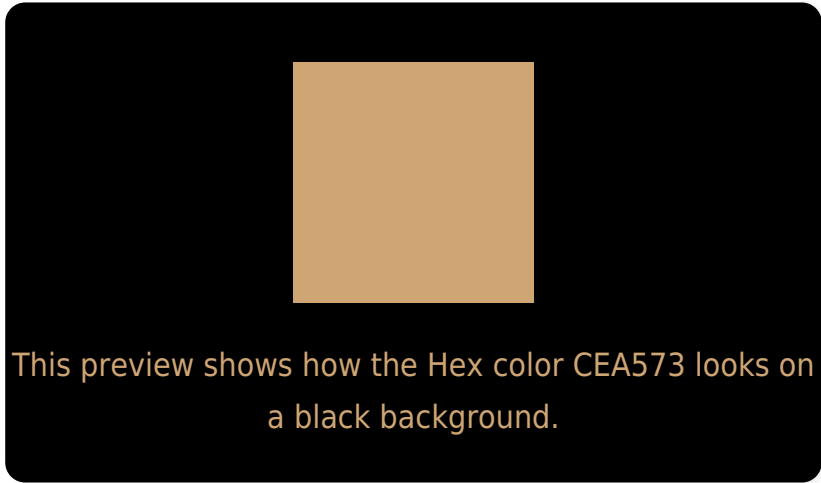
Large Text (above 18pt) WCAG AA × Fail

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

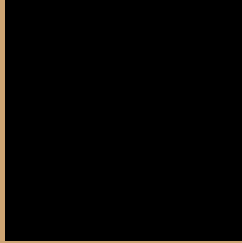
Any Text WCAG AA ✓ Pass

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 CEA573 Background



This preview shows how black text looks on a background with the Hex color CEA573.



This preview shows how white text looks on a background with the Hex color CEA573.

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
CEA573

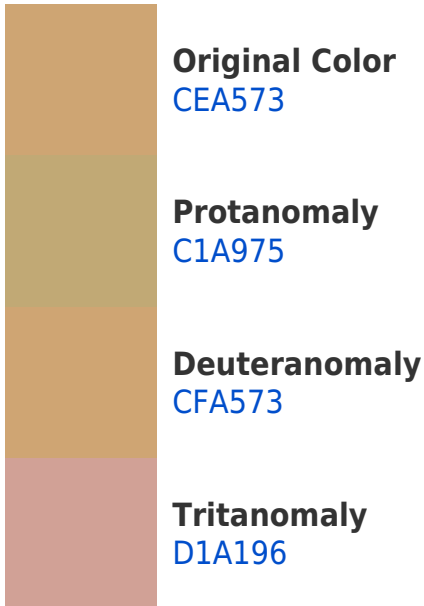
Protanopia
BAAC76

Deuteranopia
CFA573

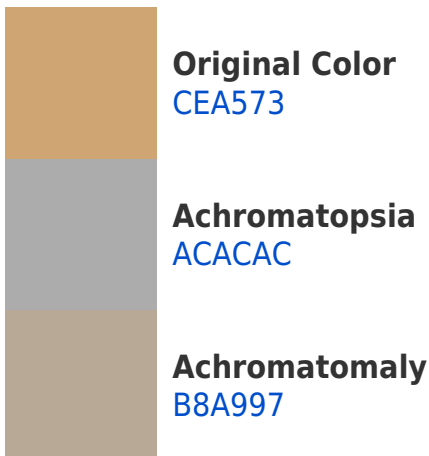


Tritanopia
D39EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEA573 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 #CEA573 looks like.

```
.text, #text, p{  
    color:#CEA573  
}
```

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 #CEA573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA573
}
```

Border

The CSS property to change the border of an element to Hex CEA573 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
#CEA573 }
```

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

```
.border{ border-color:#CEA573 }
```

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

Here you see how a box with a 4 pixel #CEA573 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA573; -webkit-box-shadow:4px 4px  
4px 4px #CEA573; box-shadow:4px 4px 4px  
4px #CEA573 }
```

Background

The CSS property to change the background color of an element to Hex CEA573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA573 }
```

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

```
.background{ background-color:#CEA573 }
```

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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