

Converting Colors

Hex(CEA753)

Have a look what the booklet for
Hex(CEA753) contains.

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Color

Hex(CEA753)

Conversions

Conversions Part 1

Format	Color
Hex	CEA753
RGB	206, 167, 83
RGB Percent	81%, 65%, 33%
CMY	0.1922, 0.3451, 0.6745
CMYK	0.00, 0.19, 0.60, 0.19
HSL	41°, 56%, 57%
HSV	41°, 60%, 81%
XYZ	40.8336, 41.3838, 14.0193
YIQ	169.0850, 50.2080, -17.8560

Conversions

Conversions Part 2

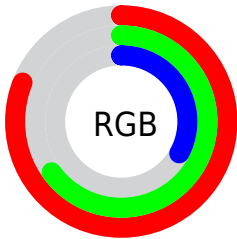
Format	Color
RYB	140, 206, 83
Decimal	13543251
CIELab	70.44, 4.68, 48.05
CIELCh	70, 48.277, 84.441
Yxy	41.3838, 0.4243, 0.4300
Android (android.graphics.Color)	4291733331 (0xFFCEA753)
YUV	169.0850, -42.4399, 32.3745
Hunter-Lab	64.3302, 0.7251, 32.1102

Details

The Hex color **CEA753** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **537ACE**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFDE87**, and **957320** is the 20% darker color. If you saturate the color by 10%, you get **CEA03E**, and if you desaturate by 10%, it is **CEAE68**.

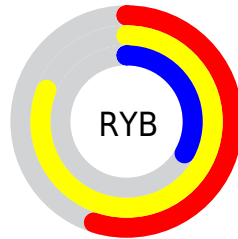
Distribution



Red (81%)

Green (65%)

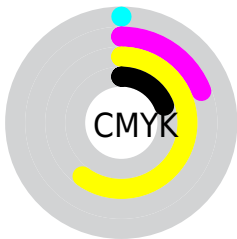
Blue (33%)



Red (55%)

Yellow (81%)

Blue (33%)

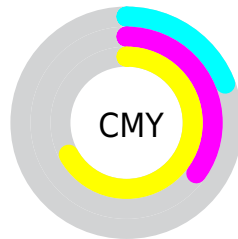


Cyan (0%)

Magenta (19%)

Yellow (60%)

Black (19%)



Cyan (19%)

Magenta (35%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEA753 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 CEA753 by changing the saturation by 10% instead.



CEA753



CEA753

FFFFFF



B18D3A



FFDE87



957320



FFFAA2



795B01



FFFFBE



5E4400



FFFFDA



432E00



FFFFF7



2A1900



0E0000



000000



CEA753



CEA753

■ CEA03E

■ CEAE68

■ CE9A2A

■ CEB47C

■ CE9315

■ CEBB91

■ CE8D01

■ CEC1A5

■ CE8D00

■ CEC8BA

■ CECECF

■ CED5E3

■ CEDBF8

■ CEE2FF

Harmonies

Analogous

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



EF9766



CEA753



A3B55A

Triad

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



CEA753



00C2CF



DB93E0

Complementary

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



CEA753



537ACE

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.



A3A4FC



CEA753



00BEF3

Square

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



CEA753



07C2A2



4CB3FF



F989B6

Rectangle

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



CEA753



81BB6B



4CB3FF



CB99EB

Sweetspot

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



CEA753



FFF0D1



CE537C



807763



000000



808080

Same Dimension

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



CEA753



FFC547



BACE53



66635C



A67100



261A00

Inverse Universe

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



537ACE



4782FF



6753CE



5C5F66



0035A6



000C26

Previews

White Background



This preview shows how the Hex color CEA753 looks on a white background.

Color Contrast Check

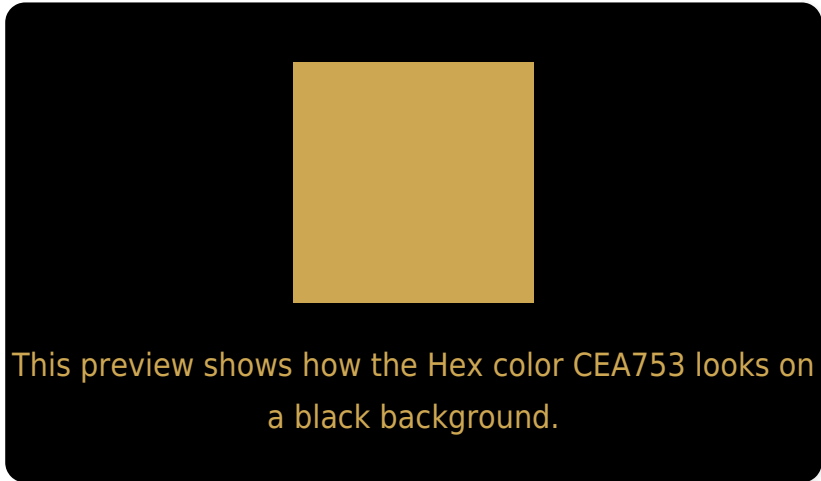
Large Text (above 18pt) WCAG AA × Fail

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

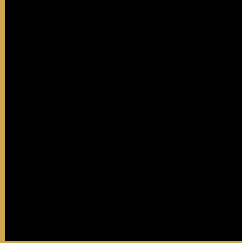
Any Text WCAG AA ✓ Pass

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 CEA753 Background



This preview shows how black text looks on a background with the Hex color CEA753.



This preview shows how white text looks on a background with the Hex color CEA753.

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
CEA753

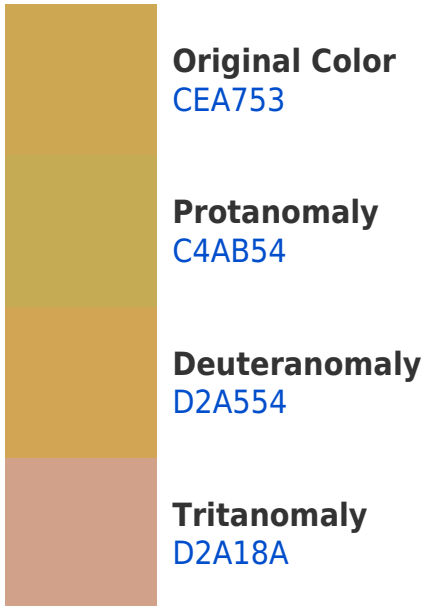
Protanopia
BFAD55

Deuteranopia
D5A454



Tritanopia
D59DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEA753 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 #CEA753 looks like.

```
.text, #text, p{  
    color:#CEA753  
}
```

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 #CEA753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA753
}
```

Border

The CSS property to change the border of an element to Hex CEA753 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
#CEA753 }
```

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

```
.border{ border-color:#CEA753 }
```

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

Here you see how a box with a 4 pixel #CEA753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA753; -webkit-box-shadow:4px 4px  
4px 4px #CEA753; box-shadow:4px 4px 4px  
4px #CEA753 }
```

Background

The CSS property to change the background color of an element to Hex CEA753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA753 }
```

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

```
.background{ background-color:#CEA753 }
```

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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