

Converting Colors

Hex(CEA649)

Have a look what the booklet for
Hex(CEA649) contains.

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Color

Hex(CEA649)

Conversions

Conversions Part 1

Format	Color
Hex	CEA649
RGB	206, 166, 73
RGB Percent	81%, 65%, 29%
CMY	0.1922, 0.3490, 0.7137
CMYK	0.00, 0.19, 0.65, 0.19
HSL	42°, 58%, 55%
HSV	42°, 65%, 81%
XYZ	40.2924, 40.8753, 12.0694
YIQ	167.3580, 53.6930, -20.4430

Conversions

Conversions Part 2

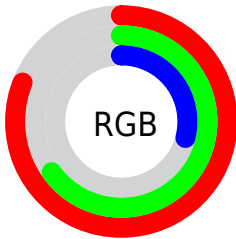
Format	Color
RYB	130, 206, 73
Decimal	13542985
CIELab	70.09, 4.53, 52.35
CIELCh	70, 52.550, 85.050
Yxy	40.8753, 0.4321, 0.4384
Android (android.graphics.Color)	4291733065 (0xFFCEA649)
YUV	167.3580, -46.5185, 33.8890
Hunter-Lab	63.9338, 0.6103, 33.5609

Details

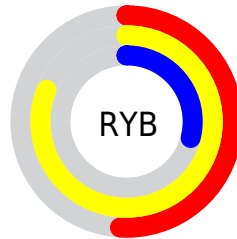
The Hex color **CEA649** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4971CE**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFDD7D**, and **947212** is the 20% darker color. If you saturate the color by 10%, you get **CEA034**, and if you desaturate by 10%, it is **CEAC5E**.

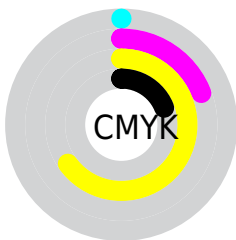
Distribution



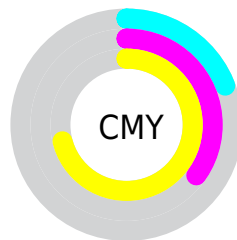
- Red (81%)
- Green (65%)
- Blue (29%)



- Red (51%)
- Yellow (81%)
- Blue (29%)



- Cyan (0%)
- Magenta (19%)
- Yellow (65%)
- Black (19%)



- Cyan (19%)
- Magenta (35%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEA649 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 CEA649 by changing the saturation by 10% instead.

 CEA649

 CEA649

FFFFFF

 B18C2F

 FFDD7D

 947212

 FFF998

 785A00

 FFFF84

 5D4300

 FFFF00

 422D00

 FFFFED

 291900

 0C0000

 000000

 CEA649

 CEA649

 CEA034

 CEAC5E

 CE9A20

 CEB272

 CE930B

 CEB987

 CE9000

 CEBF9B

 CEC5B0

 CECBC5

 CED1D9

 CED8EE

 CEDEFF

Harmonies

Analogous

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



F1945E



CEA649



9FB551

Triad

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



CEA649



00C3D2



DF8FE3

Complementary

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



CEA649



4971CE

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.



A2A2FF



CEA649



00BEF9

Square

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



CEA649



00C3A2



35B3FF



FF83B5

Rectangle

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



CEA649



7ABC65



35B3FF



CE95EF

Sweetspot

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



CEA649



FFF0CF



CE4973



807762



000000



808080

Same Dimension

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



CEA649



FFC43B



B6CE49



66635C



A67400



261B00

Inverse Universe

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



4971CE



3B76FF



6149CE



5C5F66



0032A6



000C26

Previews

White Background



This preview shows how the Hex color CEA649 looks on a white background.

Color Contrast Check

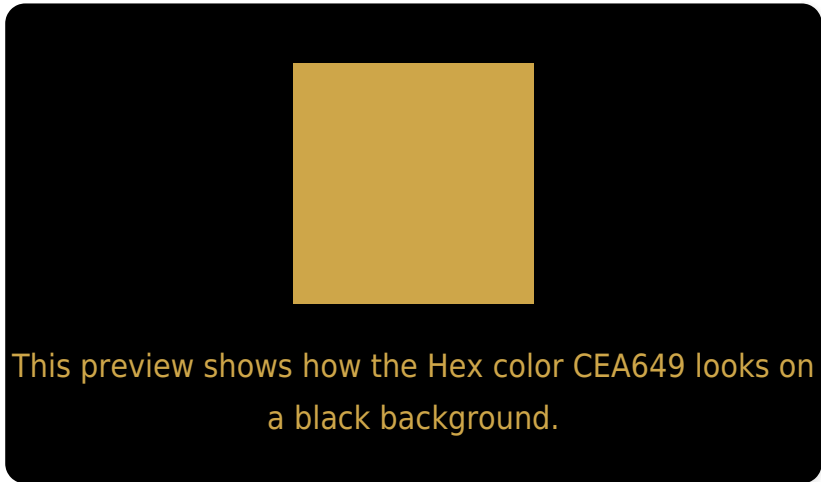
Large Text (above 18pt) WCAG AA × Fail

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 CEA649 Background



This preview shows how black text looks on a background with the Hex color CEA649.



This preview shows how white text looks on a background with the Hex color CEA649.

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
CEA649

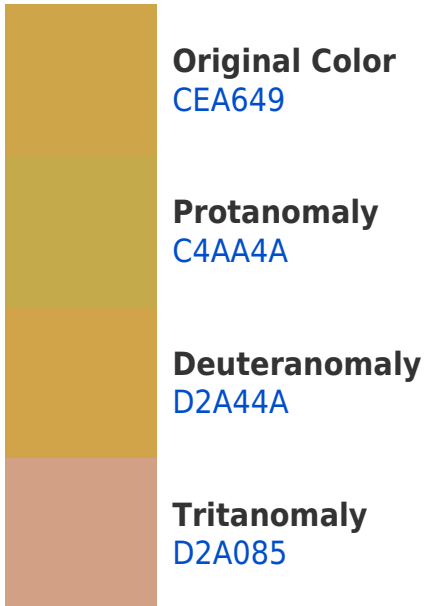
Protanopia
BFAC4B

Deuteranopia
D5A34A

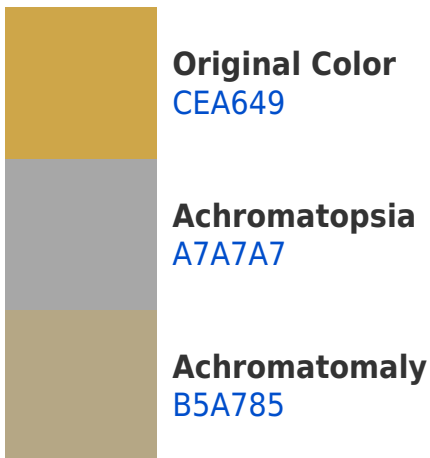


Tritanopia
D59CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEA649 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 #CEA649 looks like.

```
.text, #text, p{  
    color:#CEA649  
}
```

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 #CEA649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA649
}
```

Border

The CSS property to change the border of an element to Hex CEA649 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
#CEA649 }
```

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

```
.border{ border-color:#CEA649 }
```

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

Here you see how a box with a 4 pixel #CEA649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA649; -webkit-box-shadow:4px 4px  
4px 4px #CEA649; box-shadow:4px 4px 4px  
4px #CEA649 }
```

Background

The CSS property to change the background color of an element to Hex CEA649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA649 }
```

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

```
.background{ background-color:#CEA649 }
```

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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