

Converting Colors

Hex(CEAE2E)

Have a look what the booklet for
Hex(CEAE2E) contains.

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Color

Hex(CEAE2E)

Conversions

Conversions Part 1

Format	Color
Hex	CEAE2E
RGB	206, 174, 46
RGB Percent	81%, 68%, 18%
CMY	0.1922, 0.3176, 0.8196
CMYK	0.00, 0.16, 0.78, 0.19
HSL	48°, 63%, 49%
HSV	48°, 78%, 81%
XYZ	41.0828, 43.5912, 8.8334
YIQ	168.9760, 60.1600, -33.0240

Conversions

Conversions Part 2

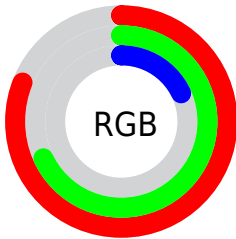
Format	Color
R _Y B	86, 206, 46
Decimal	13545006
CIE Lab	71.95, -1.07, 65.07
CIE LCh	72, 65.074, 90.941
Yxy	43.5912, 0.4394, 0.4662
Android (android.graphics.Color)	4291735086 (0xFFCEAE2E)
YUV	168.9760, -60.6272, 32.4700
Hunter-Lab	66.0236, -4.4708, 38.2840

Details

The Hex color **CEAE2E** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **2E4ECE**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE566**, and **937A00** is the 20% darker color. If you saturate the color by 10%, you get **CEAA19**, and if you desaturate by 10%, it is **CEB243**.

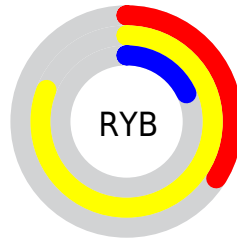
Distribution



Red (81%)

Green (68%)

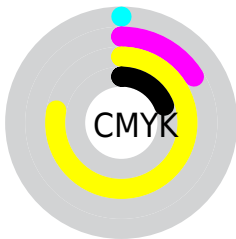
Blue (18%)



Red (34%)

Yellow (81%)

Blue (18%)

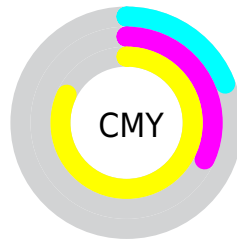


Cyan (0%)

Magenta (16%)

Yellow (78%)

Black (19%)



Cyan (19%)

Magenta (32%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEAE2E 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 CEAE2E by changing the saturation by 10% instead.

 CEAE2E

 CEAE2E

FFFFFF

 B09406

 FFE566

 937A00

 FFFF82

 776100

 FFFF9D

 5B4A00

 FFFFB9

 403400

 FFFFD6

 271F00

 FFFFF3

 080800

 000000

 CEAE2E

 CEAE2E

 CEA19

 CEB243

 CEA605

 CEB657

 CEA500

 CEBA6C

 CEBE80

 CEC395

 CEC7AA

 CECBBE

 CECFD3

 CED3E7

Harmonies

Analogous

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



FD9847



CEAE2E



92BF42

Triad

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



CEAE2E



00CCEC



FA87EB

Complementary

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



CEAE2E



2E4ECE

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.



B4A0FF



CEAE2E



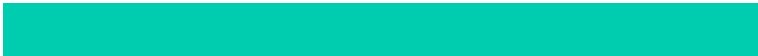
00C5FF

Square

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



CEAE2E



00CDB0



00B6FF



FF79B1

Rectangle

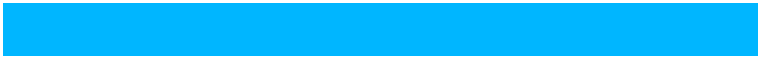
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CEAE2E



5EC662



00B6FF



E78FFC

Sweetspot

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



CEAE2E



FFF3C4



CE2E4E



80785C



000000



808080

Same Dimension

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



CEAE2E



FFD012



9ECE2E



66645C



A68500



261F00

Inverse Universe

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



2E4ECE



1241FF



5E2ECE



5C5E66



0021A6



000826

Previews

White Background



This preview shows how the Hex color CEAE2E looks on a white background.

Color Contrast Check

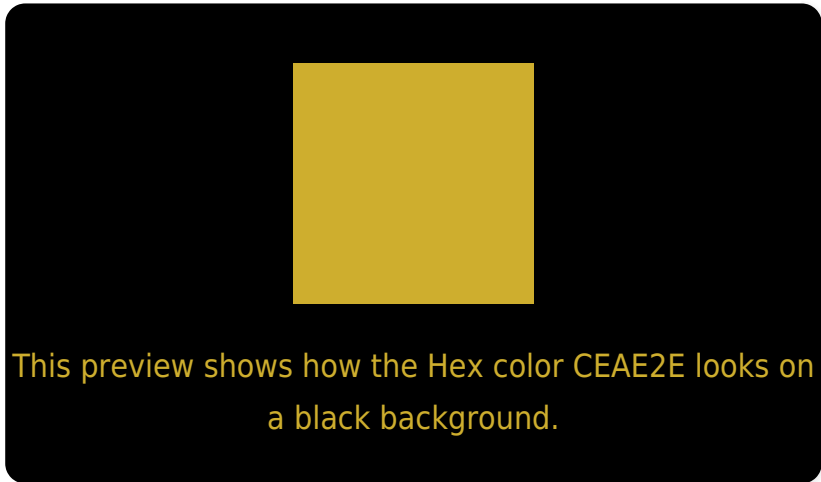
Large Text (above 18pt) WCAG AA × Fail

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 CEAE2E Background



This preview shows how black text looks on a background with the Hex color CEAE2E.



This preview shows how white text looks on a background with the Hex color CEAE2E.

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
D7A2AF

Trichromacy



Original Color
CEAE2E

Protanomaly
C9B02F

Deuteranomaly
D8AA30

Tritanomaly
D4A680

Monochromacy



Original Color
CEAE2E

Achromatopsia
A9A9A9

Achromatomaly
B6AB7C

CSS Examples

Text

The CSS property to change the color of the text to Hex CEAE2E 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 #CEAE2E looks like.

```
.text, #text, p{  
    color:#CEAE2E  
}
```

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 #CEAE2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEAE2E
}
```

Border

The CSS property to change the border of an element to Hex CEAE2E 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
#CEAE2E }
```

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

```
.border{ border-color:#CEAE2E }
```

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

Here you see how a box with a 4 pixel #CEAE2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEAE2E; -webkit-box-shadow:4px 4px  
4px 4px #CEAE2E; box-shadow:4px 4px 4px  
4px #CEAE2E }
```

Background

The CSS property to change the background color of an element to Hex CEAE2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEAE2E }
```

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

```
.background{ background-color:#CEAE2E }
```

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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