

Converting Colors

Hex(CEA907)

Have a look what the booklet for
Hex(CEA907) contains.

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Color

Hex(CEA907)

Conversions

Conversions Part 1

Format	Color
Hex	CEA907
RGB	206, 169, 7
RGB Percent	81%, 66%, 3%
CMY	0.1922, 0.3373, 0.9725
CMYK	0.00, 0.18, 0.97, 0.19
HSL	49°, 93%, 42%
HSV	49°, 97%, 81%
XYZ	39.6799, 41.5131, 6.1225
YIQ	161.5950, 74.0540, -42.5380

Conversions

Conversions Part 2

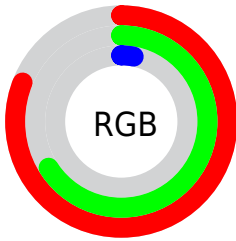
Format	Color
RYB	52, 206, 7
Decimal	13543687
CIELab	70.53, 0.70, 72.57
CIELCh	71, 72.578, 89.446
Yxy	41.5131, 0.4544, 0.4754
Android (android.graphics.Color)	4291733767 (0xFFCEA907)
YUV	161.5950, -76.2153, 38.9432
Hunter-Lab	64.4306, -2.8236, 39.4675

Details

The Hex color **CEA907** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **072CCE**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFE050**, and **937500** is the 20% darker color. If you saturate the color by 10%, you get **CEA800**, and if you desaturate by 10%, it is **CEAD1C**.

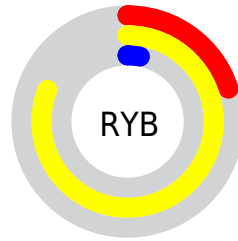
Distribution



Red (81%)

Green (66%)

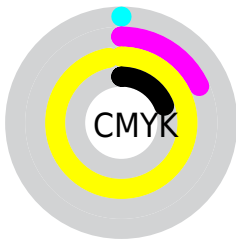
Blue (3%)



Red (20%)

Yellow (81%)

Blue (3%)

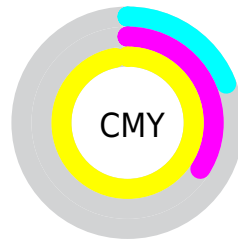


Cyan (0%)

Magenta (18%)

Yellow (97%)

Black (19%)



Cyan (19%)

Magenta (34%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEA907 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 CEA907 by changing the saturation by 10% instead.



CEA907



CEA907

FFFFFF



B08F00



FFE050



937500



FFFC6C



765D00



FFFF88



5A4600



FFFFA5



3F3000



FFFFC1



261B00



FFFFDF



050100



FFFFFC



000000



CEA907



CEA907

■ CEA800

■ CEAD1C

■ CEB130

■ CEB445

■ CEB859

■ CEB6E

■ CEC083

■ CEC497

■ CEC8AC

■ CECBC0

Harmonies

Analogous

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



FF8F37



CEA907



8DBB2A

Triad

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



CEA907



00CBEC



FA7DF1

Complementary

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



CEA907



072CCE

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.



A89BFF



CEA907



00C4FF

Square

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



CEA907



00CBA9



00B5FF



FF6BB1

Rectangle

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



CEA907



50C351



00B5FF



E587FF

Sweetspot

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



CEA907



FFF1B5



CE072F



807753



000000



808080

Same Dimension

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



CEA907



FFD000



92CE07



66645C



A68700



261F00

Inverse Universe

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



072CCE



002FFF



4307CE



5C5E66



001FA6



000726

Previews

White Background



This preview shows how the Hex color CEA907 looks on a white background.

Color Contrast Check

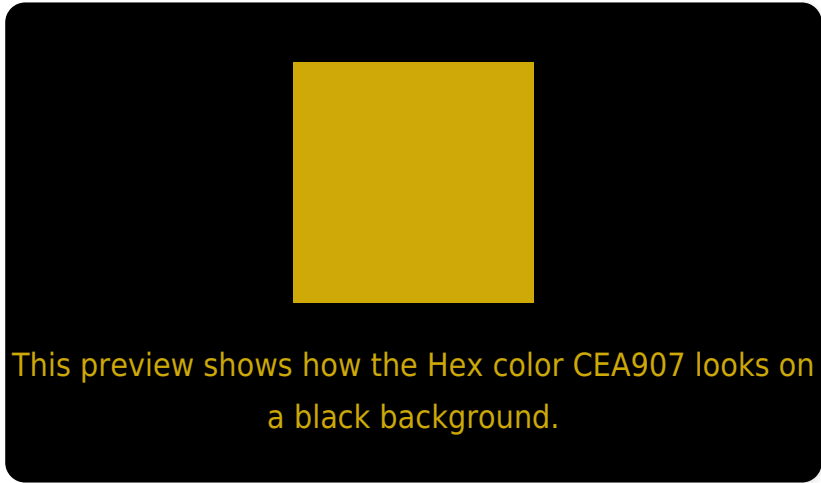
Large Text (above 18pt) WCAG AA × Fail

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 CEA907 Background



This preview shows how black text looks on a background with the Hex color CEA907.

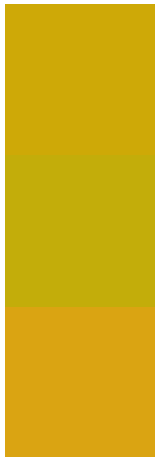


This preview shows how white text looks on a background with the Hex color CEA907.

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
CEA907

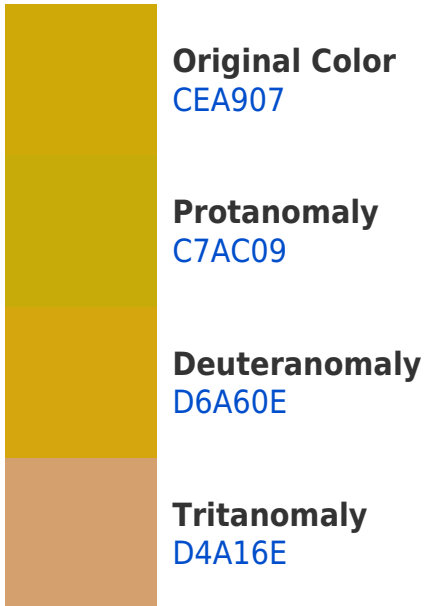
Protanopia
C3AD0A

Deuteranopia
DAA412

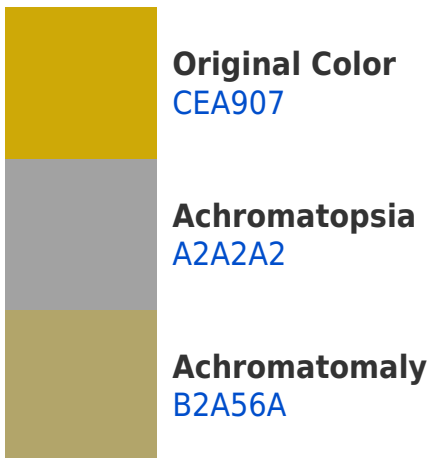


Tritanopia
D79DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEA907 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 #CEA907 looks like.

```
.text, #text, p{  
    color:#CEA907  
}
```

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 #CEA907 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA907  
}
```

Border

The CSS property to change the border of an element to Hex CEA907 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  
#CEA907 }
```

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

```
.border{ border-color:#CEA907 }
```

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

Here you see how a box with a 4 pixel #CEA907 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA907; -webkit-box-shadow:4px 4px  
4px 4px #CEA907; box-shadow:4px 4px 4px  
4px #CEA907 }
```

Background

The CSS property to change the background color of an element to Hex CEA907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA907 }
```

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

```
.background{ background-color:#CEA907 }
```

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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