

Converting Colors

Hex(CEC148)

Have a look what the booklet for
Hex(CEC148) contains.

Hex(CEC148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CEC148)

Conversions

Conversions Part 1

Format	Color
Hex	CEC148
RGB	206, 193, 72
RGB Percent	81%, 76%, 28%
CMY	0.1922, 0.2431, 0.7176
CMYK	0.00, 0.06, 0.65, 0.19
HSL	54°, 58%, 55%
HSV	54°, 65%, 81%
XYZ	45.6933, 51.7296, 13.7074
YIQ	183.0930, 46.5890, -34.8750

Conversions

Conversions Part 2

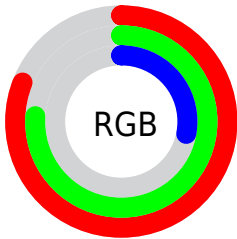
Format	Color
RYB	86, 206, 72
Decimal	13549896
CIELab	77.12, -9.69, 60.31
CIELCh	77, 61.085, 99.123
Yxy	51.7296, 0.4112, 0.4655
Android (android.graphics.Color)	4291739976 (0xFFCEC148)
YUV	183.0930, -54.7688, 20.0894
Hunter-Lab	71.9233, -12.4638, 39.0466

Details

The Hex color **CEC148** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **4855CE**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF97E**, and **948C06** is the 20% darker color. If you saturate the color by 10%, you get **CEBF33**, and if you desaturate by 10%, it is **CEC35D**.

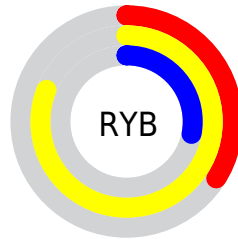
Distribution



Red (81%)

Green (76%)

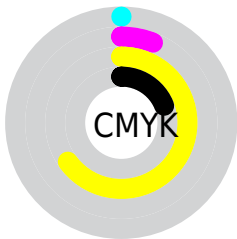
Blue (28%)



Red (34%)

Yellow (81%)

Blue (28%)

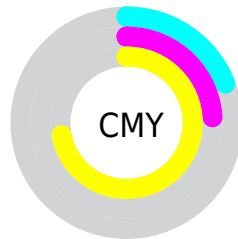


Cyan (0%)

Magenta (6%)

Yellow (65%)

Black (19%)



Cyan (19%)

Magenta (24%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEC148 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 CEC148 by changing the saturation by 10% instead.

 CEC148

 CEC148

FFFFFF

 B1A62C

 FFF97E

 948C06

 FFFF99

 797200

 FFFFB5

 5E5A00

 FFFFDD

 434300

 FFFFEE

 292D00

 0E1900

 000000

 CEC148

 CEC148

 CEBF33

 CEC35D

 CEBD1F

 CEC571

 CEBB0A

 CEC786

 CEBA00

 CEC99A

 CECBAF

 CECDC4

 CECFD8

 CED1ED

 CED3FF

Harmonies

Analogous

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



FFAD53



CEC148



91CF62

Triad

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



CEC148



00D8FF



FF94E8

Complementary

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



CEC148



4855CE

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.



D9A8FF



CEC148



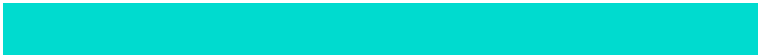
00CFFF

Square

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



CEC148



00BCF



77BFFF



FF8DAF

Rectangle

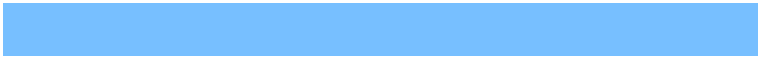
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CEC148



5BD682



77BFFF



FF9AF9

Sweetspot

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



CEC148



FFFACC



CE4855



807D61



000000



808080

Same Dimension

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



CEC148



FFEC38



98CE48



66655C



A69600



262300

Inverse Universe

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



4855CE



384BFF



7E48CE



5C5D66



0010A6



000426

Previews

White Background



This preview shows how the Hex color CEC148 looks on a white background.

Color Contrast Check

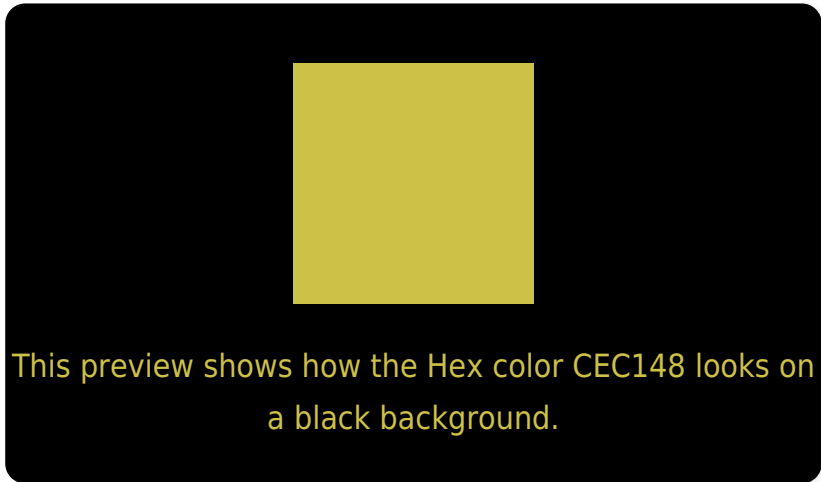
Large Text (above 18pt) WCAG AA × Fail

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 CEC148 Background



This preview shows how black text looks on a background with the Hex color CEC148.

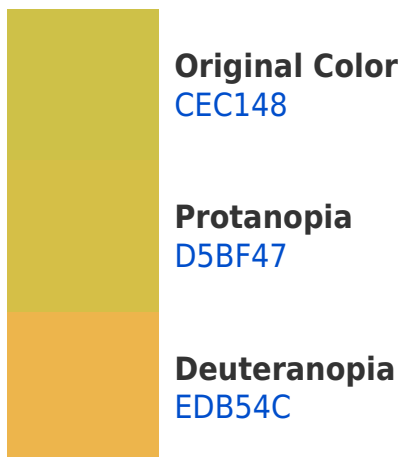


This preview shows how white text looks on a background with the Hex color CEC148.

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](#).

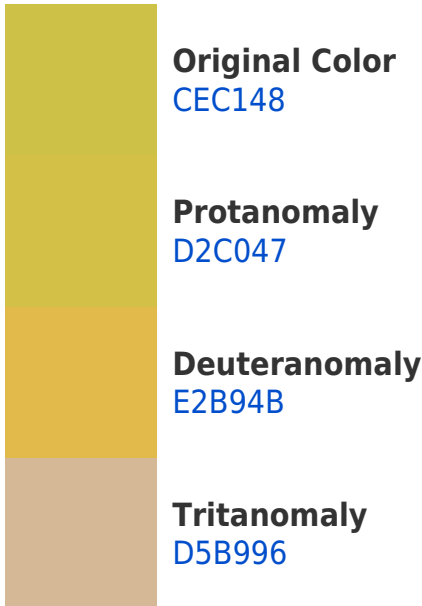
Dichromacy





Tritanopia
D9B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEC148 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 #CEC148 looks like.

```
.text, #text, p{  
    color:#CEC148  
}
```

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 #CEC148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC148
}
```

Border

The CSS property to change the border of an element to Hex CEC148 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
#CEC148 }
```

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

```
.border{ border-color:#CEC148 }
```

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

Here you see how a box with a 4 pixel #CEC148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC148; -webkit-box-shadow:4px 4px  
4px 4px #CEC148; box-shadow:4px 4px 4px  
4px #CEC148 }
```

Background

The CSS property to change the background color of an element to Hex CEC148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC148 }
```

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

```
.background{ background-color:#CEC148 }
```

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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