

# Converting Colors

Hex(CEC741)

Have a look what the booklet for  
Hex(CEC741) contains.

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# **Color**

**Hex(CEC741)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEC741
RGB	206, 199, 65
RGB Percent	81%, 78%, 25%
CMY	0.1922, 0.2196, 0.7451
CMYK	0.00, 0.03, 0.68, 0.19
HSL	57°, 59%, 53%
HSV	57°, 68%, 81%
XYZ	46.8312, 54.3503, 13.0234
YIQ	185.8170, 47.1860, -40.1900

# Conversions

## Conversions Part 2

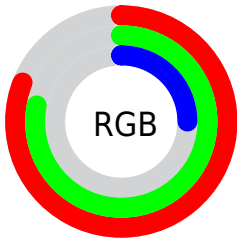
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 206, 65
Decimal	13551425
CIELab	78.67, -13.13, 64.68
CIELCh	79, 65.994, 101.474
Yxy	54.3503, 0.4101, 0.4759
Android (android.graphics.Color)	4291741505 (0xFFCEC741)
YUV	185.8170, -59.5628, 17.7005
Hunter-Lab	73.7227, -15.6254, 41.1320

# Details

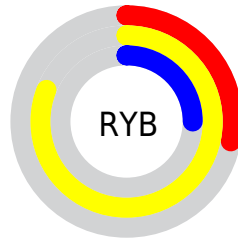
The Hex color **CEC741** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4148CE**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFFF78**, and **949100** is the 20% darker color. If you saturate the color by 10%, you get **CEC62C**, and if you desaturate by 10%, it is **CEC856**.

# Distribution



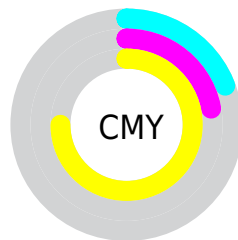
- Red (81%)
- Green (78%)
- Blue (25%)



- Red (28%)
- Yellow (81%)
- Blue (25%)



- Cyan (0%)
- Magenta (3%)
- Yellow (68%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEC741 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 CEC741 by changing the saturation by 10% instead.



 CEC741

 CEC741

FFFFFF

 B1AC23

 FFFF78

 949100

 FFFF94

 787800

 FFFFB0

 5D5F00

 FFFFCD

 424800

 FFFFEA

 283200

 0E1D00

 000000

 CEC741

 CEC741

 CEC62C

 CEC856

 CEC518

 CEC96A

 CEC403

 CECA7F

 CEC400

 CECB93

 CECCA8

 CECDBD

 CECED1

 CECFE6

 CED0FA

# Harmonies

## Analogous

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



FFB24A



CEC741



8BD662

# Triad

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



CEC741



00DEFF



FF92EB

# Complementary

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



CEC741



4148CE

# 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.



E5A9FF



CEC741



00D4FF

# Square

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



CEC741



00E1D9



7CC1FF



FF8CAD

# Rectangle

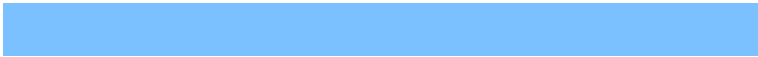
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CEC741



49DC85



7CC1FF



FF98FE



# Sweetspot

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



CEC741



FFCC9



CE4148



807E60



000000



808080



# Same Dimension

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



CEC741



FFF52E



8FCE41



66655C



A69E00



262400



# Inverse Universe

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



4148CE



2E38FF



8041CE



5C5C66



0008A6



000226



# Previews

## White Background



This preview shows how the Hex color CEC741 looks on a white background.

## Color Contrast Check

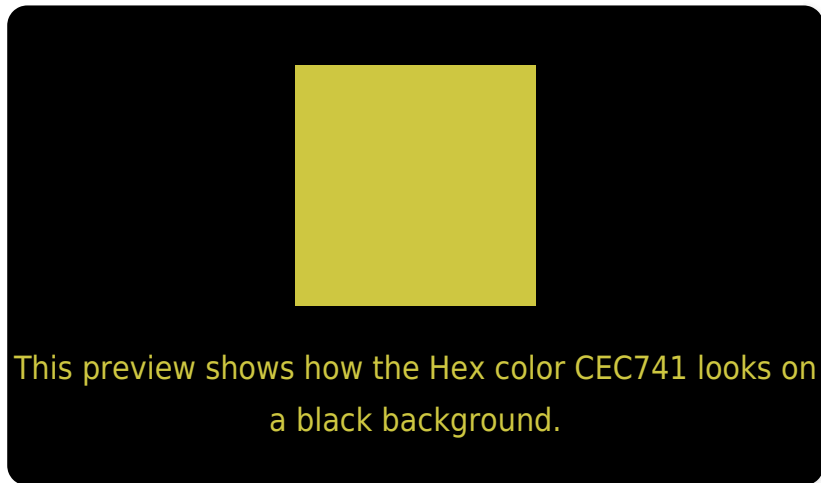
Large Text (above 18pt) WCAG AA × Fail

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 CEC741 Background



This preview shows how black text looks on a background with the Hex color CEC741.



This preview shows how white text looks on a background with the Hex color CEC741.

# 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**  
CEC741

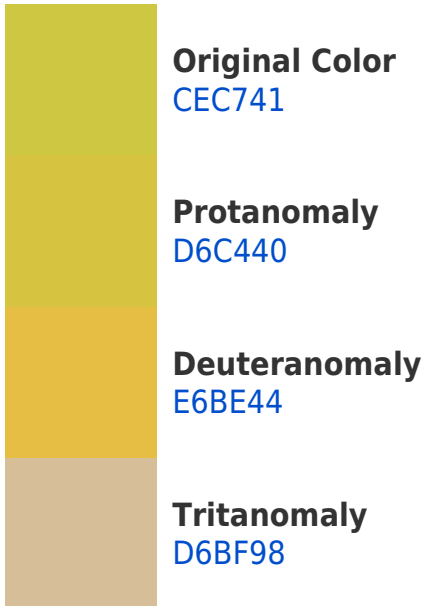
**Protanopia**  
DAC340

**Deuteranopia**  
F3B946



**Tritanopia**  
DABAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEC741 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 #CEC741 looks like.

```
.text, #text, p{  
    color:#CEC741  
}
```

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 #CEC741 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC741
}
```

## Border

The CSS property to change the border of an element to Hex CEC741 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
#CEC741 }
```

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

```
.border{ border-color:#CEC741 }
```

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

Here you see how a box with a 4 pixel #CEC741 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC741; -webkit-box-shadow:4px 4px  
4px 4px #CEC741; box-shadow:4px 4px 4px  
4px #CEC741 }
```

# Background

The CSS property to change the background color of an element to Hex CEC741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC741 }
```

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

```
.background{ background-color:#CEC741 }
```

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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