

# Converting Colors

Hex(CEC45A)

Have a look what the booklet for  
Hex(CEC45A) contains.

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**Color**

**Hex(CEC45A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEC45A
RGB	206, 196, 90
RGB Percent	81%, 77%, 35%
CMY	0.1922, 0.2314, 0.6471
CMYK	0.00, 0.05, 0.56, 0.19
HSL	55°, 54%, 58%
HSV	55°, 56%, 81%
XYZ	47.0390, 53.3399, 17.4893
YIQ	186.9060, 39.9860, -30.8460

# Conversions

## Conversions Part 2

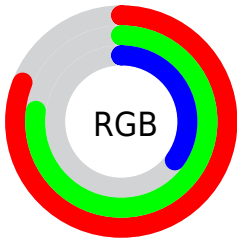
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 206, 90</a>
Decimal	<a href="#">13550682</a>
<a href="#">CIELab</a>	<a href="#">78.08, -10.00, 53.48</a>
<a href="#">CIELCh</a>	<a href="#">78, 54.408, 100.591</a>
<a href="#">Yxy</a>	<a href="#">53.3399, 0.3991, 0.4525</a>
Android (android.graphics.Color)	<a href="#">4291740762</a> ( <a href="#">0xFFCEC45A</a> )
<a href="#">YUV</a>	<a href="#">186.9060, -47.7747, 16.7454</a>
<a href="#">Hunter-Lab</a>	<a href="#">73.0341, -12.8435, 36.9259</a>

# Details

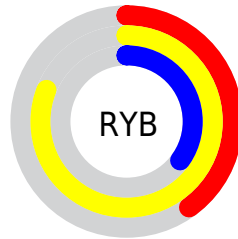
The Hex color **CEC45A** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **5A64CE**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFFC8F**, and **958F25** is the 20% darker color. If you saturate the color by 10%, you get **CEC245**, and if you desaturate by 10%, it is **CEC66F**.

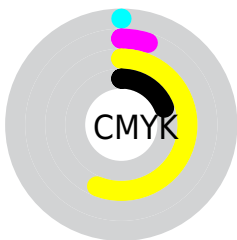
# Distribution



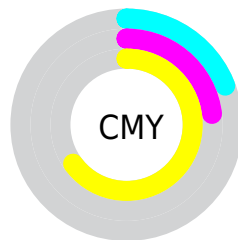
- Red (81%)
- Green (77%)
- Blue (35%)



- Red (40%)
- Yellow (81%)
- Blue (35%)



- Cyan (0%)
- Magenta (5%)
- Yellow (56%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEC45A 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 CEC45A by changing the saturation by 10% instead.



 CEC45A

 CEC45A

FFFFFF

 B1A940

 FFFC8F

 958F25

 FFFFAB

 7A7501

 FFFFC7

 5F5D00

 FFFF E3

 454500

 2B2F00

 121B00

 000000

 CEC45A

 CEC45A

 CEC245

 CEC66F

 CEC031

 CEC883

 CEBF1C

 CEC998

 CEBD08

 CECBAC

 CEBC00

 CECDC1

 CECFD6

 CED0EA

 CED2FF

 CED4FF

# Harmonies

## Analogous

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



FAB361



CEC45A



97D172

# Triad

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



CEC45A



00D8FF



FF9CE4

# Complementary

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



CEC45A



5A64CE

# 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.



DDADFF



CEC45A



00CFFF

# Square

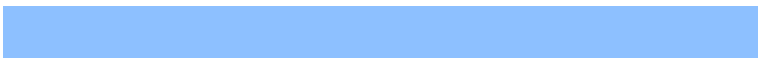
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CEC45A



00DBD2



8DC0FF



FF97B1

# Rectangle

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



CEC45A



6AD78D



8DC0FF



FFA1F4



# Sweetspot

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



CEC45A



FFFBD4



CE5A66



807D66



000000



808080



# Same Dimension

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



CEC45A



FFF052



A0CE5A



66655C



A69700



262300



# Inverse Universe

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



5A64CE



5261FF



885ACE



5C5D66



000EA6



000326



# Previews

## White Background



This preview shows how the Hex color CEC45A looks on a white background.

## Color Contrast Check

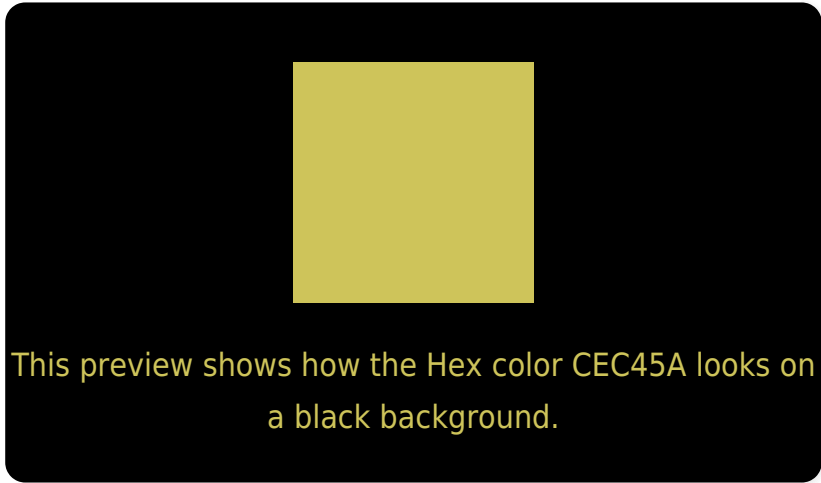
Large Text (above 18pt) WCAG AA × Fail

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 CEC45A Background



This preview shows how black text looks on a background with the Hex color CEC45A.



This preview shows how white text looks on a background with the Hex color CEC45A.

# 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**  
CEC45A

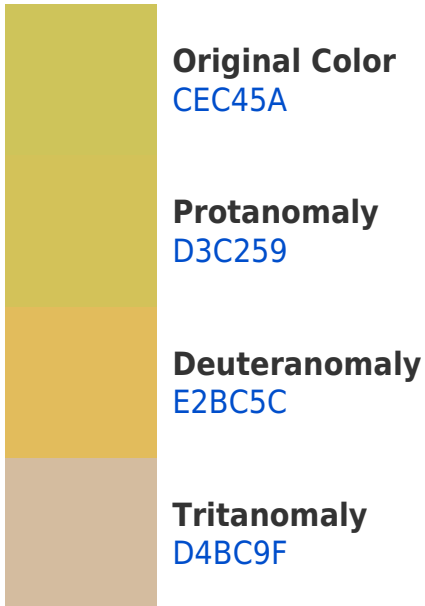
**Protanopia**  
D6C159

**Deuteranopia**  
EEB85D



**Tritanopia**  
D8B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEC45A 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 #CEC45A looks like.

```
.text, #text, p{  
    color:#CEC45A  
}
```

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 #CEC45A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC45A
}
```

## Border

The CSS property to change the border of an element to Hex CEC45A 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
#CEC45A }
```

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

```
.border{ border-color:#CEC45A }
```

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

Here you see how a box with a 4 pixel #CEC45A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC45A; -webkit-box-shadow:4px 4px  
4px 4px #CEC45A; box-shadow:4px 4px 4px  
4px #CEC45A }
```

# Background

The CSS property to change the background color of an element to Hex CEC45A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC45A }
```

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

```
.background{ background-color:#CEC45A }
```

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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