

# Converting Colors

Hex(E4CB6C)

Have a look what the booklet for  
Hex(E4CB6C) contains.

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# **Color**

**Hex(E4CB6C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4CB6C
RGB	228, 203, 108
RGB Percent	89%, 80%, 42%
CMY	0.1059, 0.2039, 0.5765
CMYK	0.00, 0.11, 0.53, 0.11
HSL	47°, 69%, 66%
HSV	47°, 53%, 89%
XYZ	56.0576, 60.2886, 22.8697
YIQ	199.6450, 45.3950, -24.2450

# Conversions

## Conversions Part 2

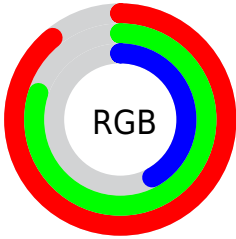
Format	Color
<a href="#">RYB</a>	<a href="#">140, 228, 108</a>
Decimal	<a href="#">14994284</a>
CIELab	<a href="#">81.99, -3.08, 50.07</a>
CIELCh	<a href="#">82, 50.165, 93.521</a>
Yxy	<a href="#">60.2886, 0.4027, 0.4331</a>
Android (android.graphics.Color)	<a href="#">4293184364 (0xFFE4CB6C)</a>
YUV	<a href="#">199.6450, -45.1810, 24.8673</a>
Hunter-Lab	<a href="#">77.6457, -7.0089, 36.8888</a>

# Details

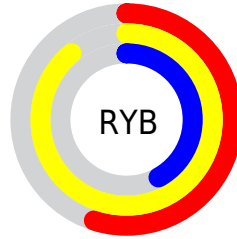
The Hex color **E4CB6C** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6C85E4**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFA2**, and **AA9538** is the 20% darker color. If you saturate the color by 10%, you get **E4C655**, and if you desaturate by 10%, it is **E4D083**.

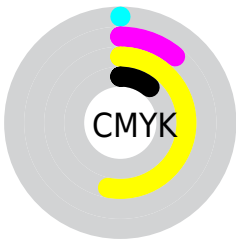
# Distribution



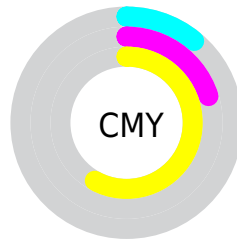
- Red (89%)
- Green (80%)
- Blue (42%)



- Red (55%)
- Yellow (89%)
- Blue (42%)



- Cyan (0%)
- Magenta (11%)
- Yellow (53%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4CB6C 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 E4CB6C by changing the saturation by 10% instead.



 E4CB6C

 E4CB6C

FFFFFF

 C7B052

 FFFFA2

 AA9538

 FFFFBD

 8E7C1E

 FFFFDA

 736300

 FFFFF6

 584B00

 3E3500

 252000

 030900

 000000

 E4CB6C

 E4CB6C

 E4C655

 E4D083

 E4C23E

 E4D59A

 E4BD28

 E4D9B0

 E4B811

 E4DEC7

 E4B400

 E4E3DE

 E4E8F5

 E4ECFF

 E4F1FF

 E4F6FF

# Harmonies

## Analogous

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



FFBA78



E4CB6C



B3D87B

# Triad

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



E4CB6C



00E3FE



FFADF7

# Complementary

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



E4CB6C



6C85E4

# 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.



D8BEFF



E4CB6C



00DCFF

# Square

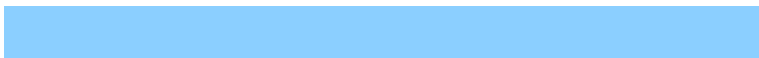
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E4CB6C



00E4D0



8BCFFF



FFA6C8

# Rectangle

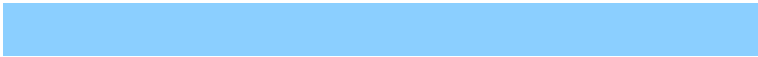
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E4CB6C



8DDF92



8BCFFF



FDB2FF



# Sweetspot

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



E4CB6C



FFF7D6



E46C86



807A67



000000



808080



# Same Dimension

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



E4CB6C



FFDE5E



C2E46C



737067



B38D00



332800



# Inverse Universe

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



6C85E4



5E80FF



8E6CE4



676A73



0025B3

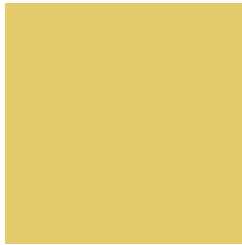


000B33



# Previews

## White Background



This preview shows how the Hex color E4CB6C looks on a white background.

## Color Contrast Check

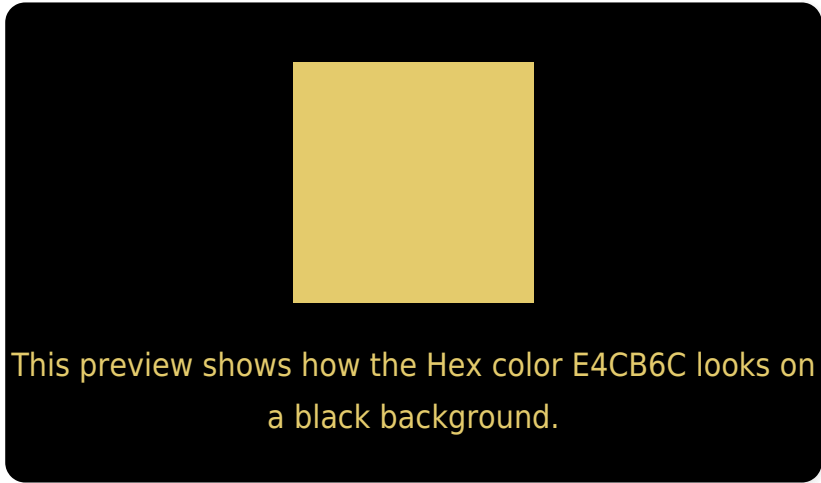
Large Text (above 18pt) WCAG AA × Fail

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 E4CB6C Background



This preview shows how black text looks on a background with the Hex color E4CB6C.



This preview shows how white text looks on a background with the Hex color E4CB6C.

# 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



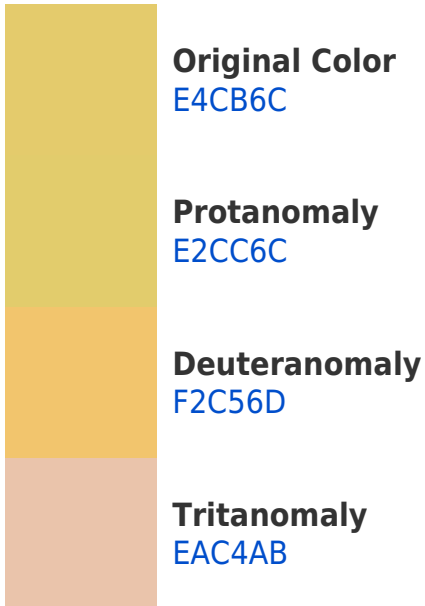
**Original Color**  
E4CB6C

**Protanopia**  
E1CC6C

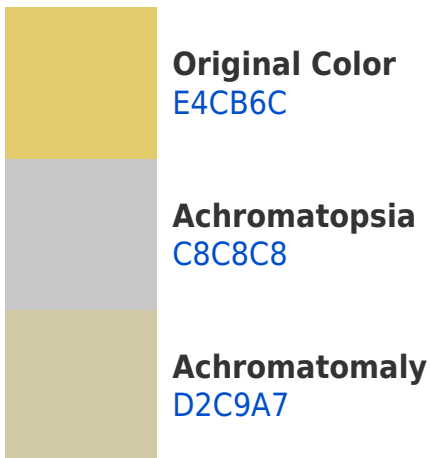
**Deuteranopia**  
FAC26E



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4CB6C 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 #E4CB6C looks like.

```
.text, #text, p{  
    color:#E4CB6C  
}
```

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 #E4CB6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4CB6C
}
```

## Border

The CSS property to change the border of an element to Hex E4CB6C 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
#E4CB6C }
```

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

```
.border{ border-color:#E4CB6C }
```

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

Here you see how a box with a 4 pixel #E4CB6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4CB6C; -webkit-box-shadow:4px 4px  
4px 4px #E4CB6C; box-shadow:4px 4px 4px  
4px #E4CB6C }
```

# Background

The CSS property to change the background color of an element to Hex E4CB6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4CB6C }
```

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

```
.background{ background-color:#E4CB6C }
```

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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