

# Converting Colors

Hex(C6C36E)

Have a look what the booklet for  
Hex(C6C36E) contains.

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# Color

Hex(C6C36E)

# Conversions

## Conversions Part 1

Format	Color
Hex	C6C36E
RGB	198, 195, 110
RGB Percent	78%, 76%, 43%
CMY	0.2235, 0.2353, 0.5686
CMYK	0.00, 0.02, 0.44, 0.22
HSL	58°, 44%, 60%
HSV	58°, 44%, 78%
XYZ	45.6183, 52.1618, 22.4157
YIQ	186.2070, 29.0730, -25.7990

# Conversions

## Conversions Part 2

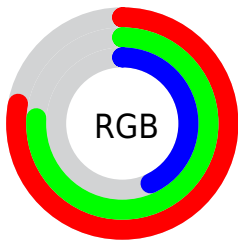
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 198, 110
Decimal	13026158
CIELab	77.38, -11.01, 42.90
CIELCh	77, 44.293, 104.399
Yxy	52.1618, 0.3795, 0.4340
Android (android.graphics.Color)	4291216238 (0xFFC6C36E)
YUV	186.2070, -37.5701, 10.3425
Hunter-Lab	72.2231, -13.6445, 32.1545

# Details

The Hex color **C6C36E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6E71C6**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFFBA3**, and **8E8E3C** is the 20% darker color. If you saturate the color by 10%, you get **C6C25A**, and if you desaturate by 10%, it is **C6C482**.

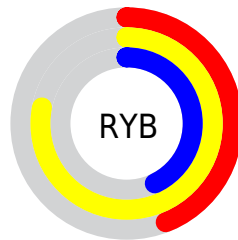
# Distribution



Red (78%)

Green (76%)

Blue (43%)



Red (44%)

Yellow (78%)

Blue (43%)

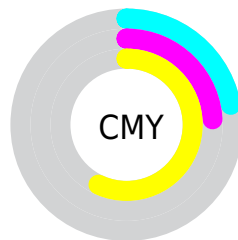


Cyan (0%)

Magenta (2%)

Yellow (44%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6C36E 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 C6C36E by changing the saturation by 10% instead.



 C6C36E

 C6C36E

FFFFFF

 AAA854

 FFFBA3

 8E8E3C

 FFFFBF

 747423

 FFFFDB

 5A5C05

 FFFFF8

 414400

 282E00

 0D1A00

 000000

 C6C36E

 C6C36E

 C6C25A

 C6C482

 C6C246

 C6C496

 C6C133

 C6C5A9

 C6C01F

 C6C6BD

 C6C00B

 C6C6D1

 C6BF00

 C6C7E5

 C6C8F9

 C6C8FF

 C6C9FF

# Harmonies

## Analogous

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



ECB570



C6C36E



98CD83

# Triad

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



C6C36E



00D2F7



FFA1D6

# Complementary

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



C6C36E



6E71C6

# 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.



DDADFA



C6C36E



56C9FF

# Square

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



C6C36E



00D5D2



A3BCFF



FF9FAD

# Rectangle

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



C6C36E



75D29A



A3BCFF



F8A4E3



# Sweetspot

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



C6C36E



FFFEDE



C66E72



807F6B



000000



808080



# Same Dimension

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



C6C36E



FFFA78



9EC66E



63635A



A39E00



242200



# Inverse Universe

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



6E71C6



787CFF



966EC6



5A5A63



0006A3



000124



# Previews

## White Background



This preview shows how the Hex color C6C36E looks on a white background.

## Color Contrast Check

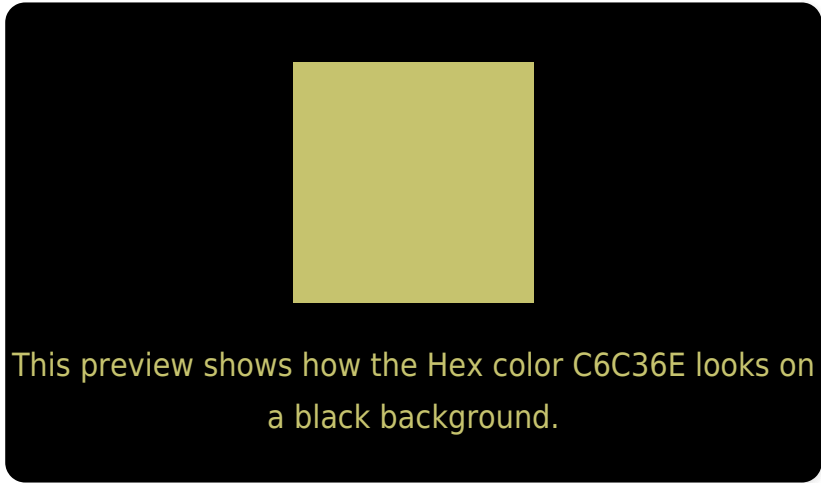
Large Text (above 18pt) WCAG AA × Fail

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

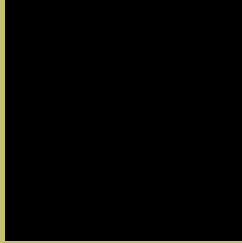
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C6C36E Background



This preview shows how black text looks on a background with the Hex color C6C36E.

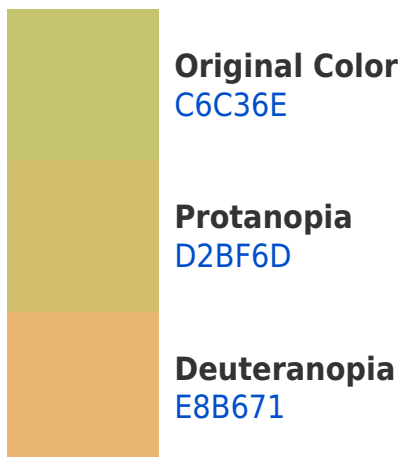


This preview shows how white text looks on a background with the Hex color C6C36E.

# 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](#).

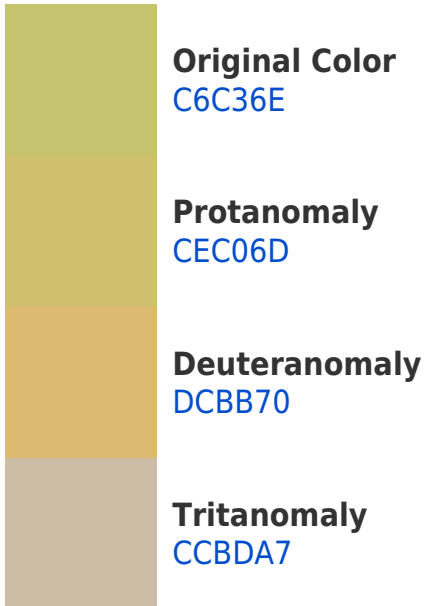
## Dichromacy





**Tritanopia**  
D0B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6C36E 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 #C6C36E looks like.

```
.text, #text, p{  
    color:#C6C36E  
}
```

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 #C6C36E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6C36E
}
```

## Border

The CSS property to change the border of an element to Hex C6C36E 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
#C6C36E }
```

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

```
.border{ border-color:#C6C36E }
```

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

Here you see how a box with a 4 pixel #C6C36E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6C36E; -webkit-box-shadow:4px 4px  
4px 4px #C6C36E; box-shadow:4px 4px 4px  
4px #C6C36E }
```

# Background

The CSS property to change the background color of an element to Hex C6C36E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6C36E }
```

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

```
.background{ background-color:#C6C36E }
```

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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