

# Converting Colors

Hex(C3C46E)

Have a look what the booklet for  
Hex(C3C46E) contains.

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# Color

Hex(C3C46E)

# Conversions

## Conversions Part 1

Format	Color
Hex	C3C46E
RGB	195, 196, 110
RGB Percent	76%, 77%, 43%
CMY	0.2353, 0.2314, 0.5686
CMYK	0.01, 0.00, 0.44, 0.23
HSL	61°, 42%, 60%
HSV	61°, 44%, 77%
XYZ	45.0601, 52.2077, 22.4540
YIQ	185.8970, 27.0100, -26.9580

# Conversions

## Conversions Part 2

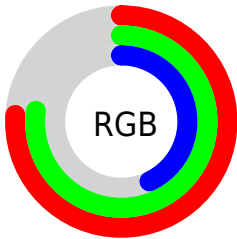
Format	Color
<a href="#">RYB</a>	<a href="#">110, 196, 111</a>
Decimal	<a href="#">12829806</a>
CIELab	<a href="#">77.40, -12.74, 42.88</a>
CIELCh	<a href="#">77, 44.733, 106.542</a>
Yxy	<a href="#">52.2077, 0.3764, 0.4361</a>
Android (android.graphics.Color)	<a href="#">4291019886</a> ( <a href="#">0xFFC3C46E</a> )
YUV	<a href="#">185.8970, -37.4172, 7.9833</a>
Hunter-Lab	<a href="#">72.2549, -15.1288, 32.1534</a>

# Details

The Hex color **C3C46E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6F6EC4**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FDFCA3**, and **8C8E3C** is the 20% darker color. If you saturate the color by 10%, you get **C3C45A**, and if you desaturate by 10%, it is **C3C482**.

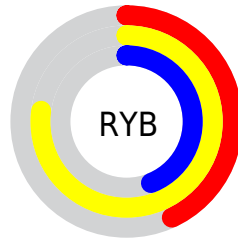
# Distribution



Red (76%)

Green (77%)

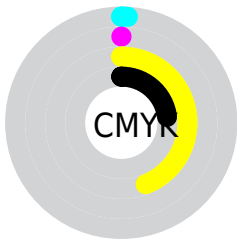
Blue (43%)



Red (43%)

Yellow (77%)

Blue (44%)

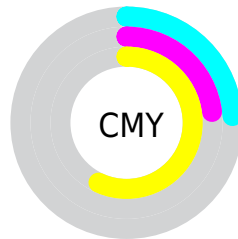


Cyan (1%)

Magenta (0%)

Yellow (44%)

Black (23%)



Cyan (24%)

Magenta (23%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3C46E 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 C3C46E by changing the saturation by 10% instead.



 C3C46E

 C3C46E


FFFFFF

 A7A954

 FDFCA3

 8C8E3C

 FFFFBF

 717522

 FFFFDB

 575C05

 FFFFF8

 3E4500

 262F00

 081B00

 000000

 C3C46E

 C3C46E

 C3C45A

 C3C482

 C3C447

 C3C495

 C2C433

 C4C4A9

 C2C420

 C4C4BC

 C2C40C

 C4C4D0

 C2C400

 C4C4E4

 C5C4F7

 C5C4FF

# Harmonies

## Analogous

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



EAB66E



C3C46E



94CE85

# Triad

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



C3C46E



00D2FA



FFA0D4

# Complementary

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



C3C46E



6F6EC4

# 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.



E0ACF9



C3C46E



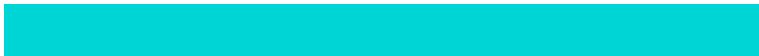
5AC9FF

# Square

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



C3C46E



00D5D5



A7BBFF



FF9FAA

# Rectangle

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



C3C46E



70D29D



A7BBFF



FBA3E1



# Sweetspot

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



C3C46E



FFFFDE



C46E6E



7F806B



000000



808080



# Same Dimension

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



C3C46E



FDF78



99C46E



616157



9FA100



212100



# Inverse Universe

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



6F6EC4



7978FF



996EC4



575761



0200A1



000021



# Previews

## White Background



This preview shows how the Hex color C3C46E looks on a white background.

## Color Contrast Check

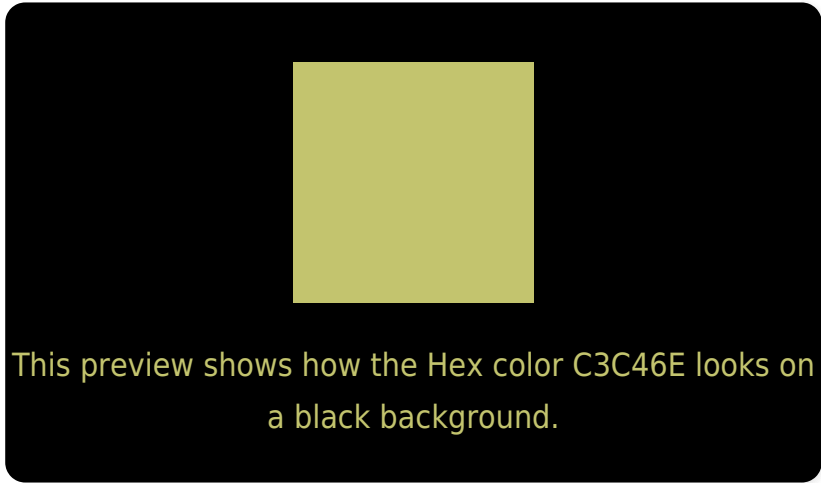
Large Text (above 18pt) WCAG AA × Fail

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

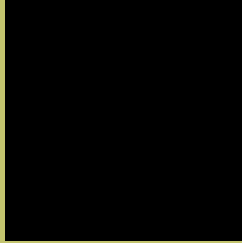
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3C46E Background



This preview shows how black text looks on a background with the Hex color C3C46E.

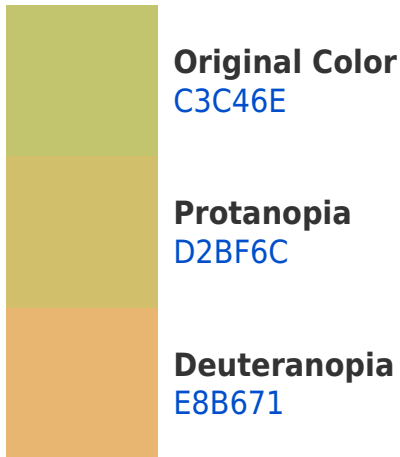


This preview shows how white text looks on a background with the Hex color C3C46E.

# Color Blindness Simulation

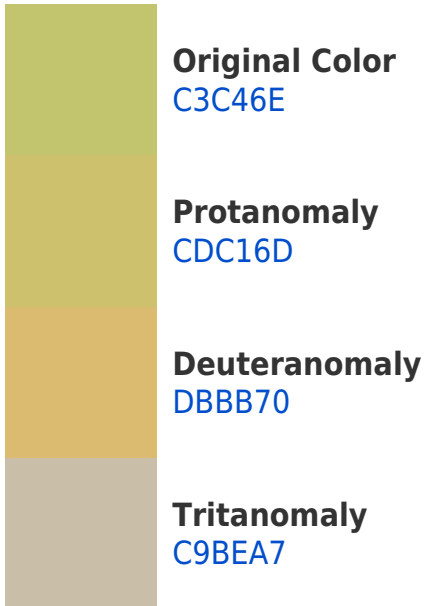
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3C46E 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 #C3C46E looks like.

```
.text, #text, p{  
    color:#C3C46E  
}
```

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 #C3C46E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3C46E
}
```

## Border

The CSS property to change the border of an element to Hex C3C46E 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
#C3C46E }
```

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

```
.border{ border-color:#C3C46E }
```

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

Here you see how a box with a 4 pixel #C3C46E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3C46E; -webkit-box-shadow:4px 4px  
4px 4px #C3C46E; box-shadow:4px 4px 4px  
4px #C3C46E }
```

# Background

The CSS property to change the background color of an element to Hex C3C46E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3C46E }
```

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

```
.background{ background-color:#C3C46E }
```

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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