

# Converting Colors

Hex(C7E048)

Have a look what the booklet for  
Hex(C7E048) contains.

<b>Hex(C7E048)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C7E048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7E048
RGB	199, 224, 72
RGB Percent	78%, 88%, 28%
CMY	0.2196, 0.1216, 0.7176
CMYK	0.11, 0.00, 0.68, 0.12
HSL	70°, 71%, 58%
HSV	70°, 68%, 88%
XYZ	51.3785, 65.9213, 16.1470
YIQ	199.1970, 33.8920, -52.5720

# Conversions

## Conversions Part 2

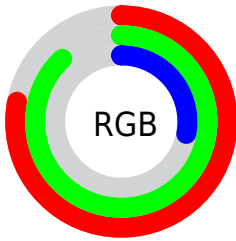
Format	Color
<a href="#">RYB</a>	<a href="#">72, 224, 97</a>
Decimal	<a href="#">13099080</a>
CIELab	<a href="#">84.96, -27.85, 68.20</a>
CIELCh	<a href="#">85, 73.669, 112.215</a>
Yxy	<a href="#">65.9213, 0.3850, 0.4940</a>
Android (android.graphics.Color)	<a href="#">4291289160 (0xFFC7E048)</a>
YUV	<a href="#">199.1970, -62.7081, -0.1728</a>
Hunter-Lab	<a href="#">81.1919, -29.1305, 45.0431</a>

# Details

The Hex color **C7E048** 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 **6148E0**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF80**, and **8EA900** is the 20% darker color. If you saturate the color by 10%, you get **C3E032**, and if you desaturate by 10%, it is **CBE05E**.

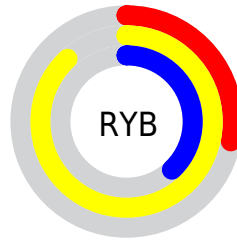
# Distribution



Red (78%)

Green (88%)

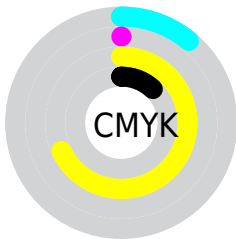
Blue (28%)



Red (28%)

Yellow (88%)

Blue (38%)

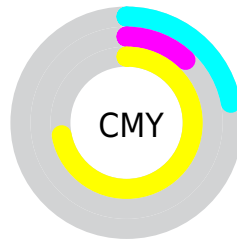


Cyan (11%)

Magenta (0%)

Yellow (68%)

Black (12%)



Cyan (22%)

Magenta (12%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7E048 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 C7E048 by changing the saturation by 10% instead.



 C7E048

 C7E048

FFFFFF

 AAC429

 FFFF80

 8EA900

 FFFF9D

 728E00

 FFFFFB9

 567500

 FFFFFD6

 3B5C00

 FFFFFF3

 1E4400

 002E00

 001A00

 000000

 C7E048

 C7E048

 C3E032

 CBE05E

 C0E01B

 CEE075

 BCE005

 D2E08B

 BBE000

 D6E0A2

 D9E0B8

 DDE0CE

 E1E0E5

 E4E0FB

 E8E0FF

# Harmonies

## Analogous

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



FFCA40



C7E048



70EE7B

# Triad

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



C7E048



00F0FF



FF96E9

# Complementary

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



C7E048



6148E0

# 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.



FFACFF



C7E048



00E1FF

# Square

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



C7E048



00F6FF



B6C9FF



FF98A4

# Rectangle

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



C7E048



00F3A7



B6C9FF



FF9BFF



# Sweetspot

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



C7E048



F7FFCC



E05F48



7A8061



000000



808080



# Same Dimension

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



C7E048



DFF30



7DE048



6E7065



93B000



283000



# Inverse Universe

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



6148E0



5230FF



AB48E0



676570



1D00B0



080030



# Previews

## White Background



This preview shows how the Hex color C7E048 looks on a white background.

## Color Contrast Check

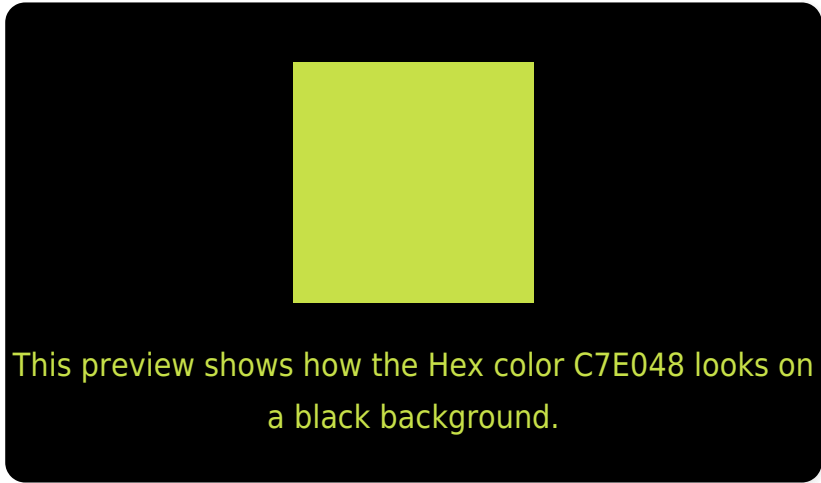
Large Text (above 18pt) WCAG AA × Fail

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 C7E048 Background



This preview shows how black text looks on a background with the Hex color C7E048.

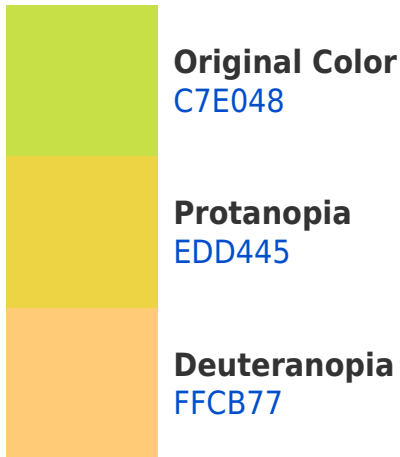


This preview shows how white text looks on a background with the Hex color C7E048.

# 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](#).

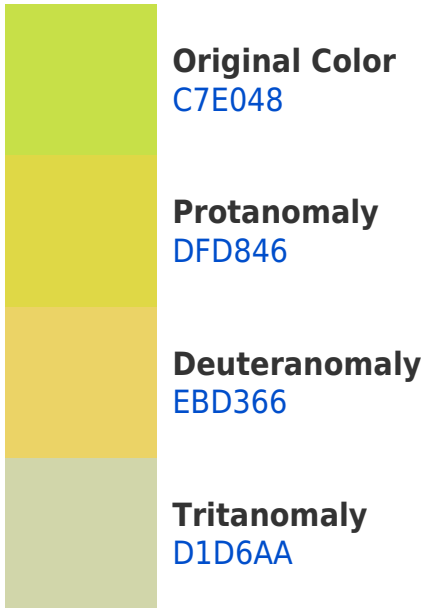
## Dichromacy



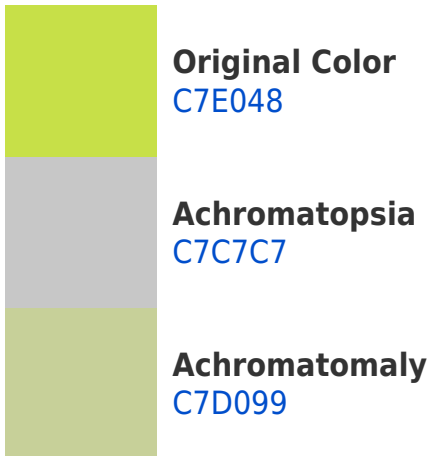


**Tritanopia**  
D7D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7E048 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 #C7E048 looks like.

```
.text, #text, p{  
    color:#C7E048  
}
```

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 #C7E048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E048
}
```

## Border

The CSS property to change the border of an element to Hex C7E048 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
#C7E048 }
```

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

```
.border{ border-color:#C7E048 }
```

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

Here you see how a box with a 4 pixel #C7E048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E048; -webkit-box-shadow:4px 4px  
4px 4px #C7E048; box-shadow:4px 4px 4px  
4px #C7E048 }
```

# Background

The CSS property to change the background color of an element to Hex C7E048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E048 }
```

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

```
.background{ background-color:#C7E048 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor