

# Converting Colors

Hex(CCED49)

Have a look what the booklet for  
Hex(CCED49) contains.

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# **Color**

**Hex(CCED49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCED49
RGB	204, 237, 73
RGB Percent	80%, 93%, 29%
CMY	0.2000, 0.0706, 0.7137
CMYK	0.14, 0.00, 0.69, 0.07
HSL	72°, 82%, 61%
HSV	72°, 69%, 93%
XYZ	56.3886, 73.8868, 17.5929
YIQ	208.4370, 32.9760, -58.0000

# Conversions

## Conversions Part 2

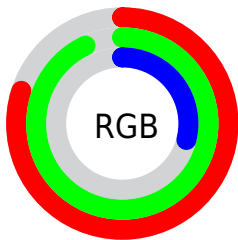
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 237, 106
Decimal	13430089
CIELab	88.87, -31.89, 71.88
CIELCh	89, 78.632, 113.924
Yxy	73.8868, 0.3813, 0.4997
Android (android.graphics.Color)	4291620169 (0xFFCCED49)
YUV	208.4370, -66.7704, -3.8912
Hunter-Lab	85.9574, -33.3283, 48.0353

# Details

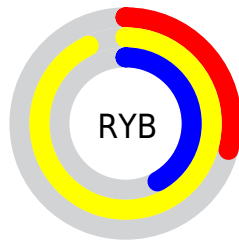
The Hex color **CCED49** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **6A49ED**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF82**, and **92B500** is the 20% darker color. If you saturate the color by 10%, you get **C7ED31**, and if you desaturate by 10%, it is **D1ED61**.

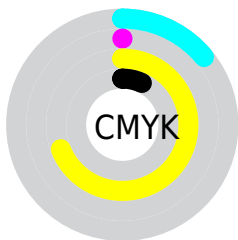
# Distribution



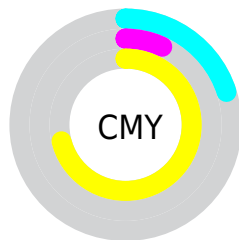
- Red (80%)
- Green (93%)
- Blue (29%)



- Red (29%)
- Yellow (93%)
- Blue (42%)



- Cyan (14%)
- Magenta (0%)
- Yellow (69%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCED49 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 CCED49 by changing the saturation by 10% instead.



 CCED49

 CCED49

FFFFFF

 AFD129

 FFFF82

 92B500

 FFFF9F

 769A00

 FFFFBC

 5A8000

 FFFFFD9

 3E6700

 FFFFF6

 214F00

 003700

 002300

 000000

 CCED49

 CCED49

 C7ED31

 D1ED61

 C2ED1A

 D6ED78

 BEED02

 DAED90

 BDED00

 DFEDA8

 E4EDC0

 E9EDD7

 EDEDEF

 F2EDFF

 F7EDFF

# Harmonies

## Analogous

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



FFD63D



CCED49



6AFB82

# Triad

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



CCED49



00FCFF



FF9BF2

# Complementary

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



CCED49



6A49ED

# 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.



FFB2FF



CCED49



00ECFF

# Square

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



CCED49



00FFFF



C6D2FF



FF9FA7

# Rectangle

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



CCED49



00FFB3



C6D2FF



FFA0FF

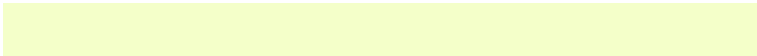


# Sweetspot

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



CCED49



F4FFC9



ED6A49



798060



000000



808080



# Same Dimension

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



CCED49



D4FF2B



7AED49



73756A



91B500



2B3600



# Inverse Universe

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



6A49ED



562BFF



BC49ED



6C6A75



2400B5



0B0036



# Previews

## White Background



This preview shows how the Hex color CCED49 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



This preview shows how the Hex color CCED49 looks on a 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 CCED49 Background



This preview shows how black text looks on a background with the Hex color CCED49.

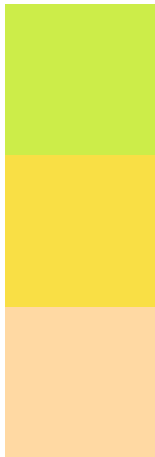


This preview shows how white text looks on a background with the Hex color CCED49.

# 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



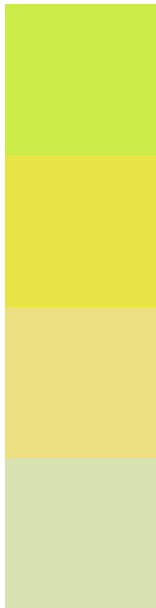
**Original Color**  
CCED49

**Protanopia**  
F9DF45

**Deuteranopia**  
FFD9A3



# Trichromacy



**Original Color**  
CCED49

**Protanomaly**  
E9E446

**Deuteranomaly**  
ECE082

**Tritanomaly**  
D7E3B3

# Monochromacy



**Original Color**  
CCED49

**Achromatopsia**  
D0D0D0

**Achromatomaly**  
CFDB9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCED49 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 #CCED49 looks like.

```
.text, #text, p{  
    color:#CCED49  
}
```

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 #CCED49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCED49
}
```

## Border

The CSS property to change the border of an element to Hex CCED49 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
#CCED49 }
```

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

```
.border{ border-color:#CCED49 }
```

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

Here you see how a box with a 4 pixel #CCED49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCED49; -webkit-box-shadow:4px 4px  
4px 4px #CCED49; box-shadow:4px 4px 4px  
4px #CCED49 }
```

# Background

The CSS property to change the background color of an element to Hex CCED49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCED49 }
```

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

```
.background{ background-color:#CCED49 }
```

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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