

Converting Colors

Hex(CCEC77)

Have a look what the booklet for
Hex(CCEC77) contains.

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Color

Hex(CCEC77)

Conversions

Conversions Part 1

Format	Color
Hex	CCEC77
RGB	204, 236, 119
RGB Percent	80%, 93%, 47%
CMY	0.2000, 0.0745, 0.5333
CMYK	0.14, 0.00, 0.50, 0.07
HSL	76°, 75%, 70%
HSV	76°, 50%, 93%
XYZ	58.2271, 74.1602, 28.6982
YIQ	213.0940, 18.4850, -43.1710

Conversions

Conversions Part 2

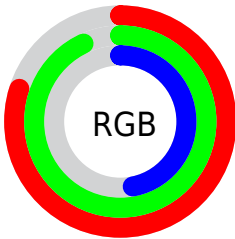
Format	Color
RYB	119, 236, 151
Decimal	13429879
CIELab	89.00, -27.93, 52.80
CIELCh	89, 59.731, 117.876
Yxy	74.1602, 0.3615, 0.4604
Android (android.graphics.Color)	4291619959 (0xFFCCEC77)
YUV	213.0940, -46.3883, -7.9754
Hunter-Lab	86.1163, -30.0117, 40.5231

Details

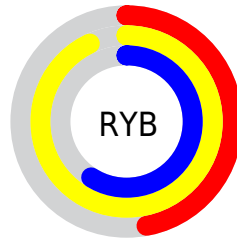
The Hex color **CCEC77** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **9777EC**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFAE**, and **94B442** is the 20% darker color. If you saturate the color by 10%, you get **C6EC5F**, and if you desaturate by 10%, it is **D2EC8F**.

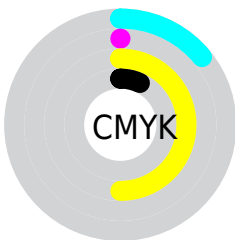
Distribution



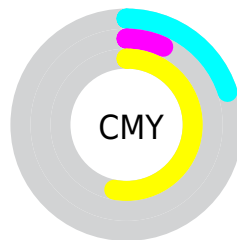
- Red (80%)
- Green (93%)
- Blue (47%)



- Red (47%)
- Yellow (93%)
- Blue (59%)



- Cyan (14%)
- Magenta (0%)
- Yellow (50%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCEC77 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 CCEC77 by changing the saturation by 10% instead.

 CCEC77

 CCEC77

FFFFFF

 B0D05C

 FFFFAE

 94B442

 FFFPCA

 789927

 FFFF66

 5E7F03

 436600

 2A4E00

 0C3700

 002200

 000000

 CCEC77

 CCEC77

 C6EC5F

 D2EC8F

 BFEC48

 D9ECA6

 B9EC30

 DFECBE

 B2EC19

 E6ECD5

 ACEC01

 ECECED

 ABEC00

 F3ECFF

 F9ECFF

 FFECFF

Harmonies

Analogous

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



FFDB6B



CCEC77



85F7A1

Triad

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



CCEC77



00F5FF



FFB0E6

Complementary

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



CCEC77



9777EC

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.



FFBDFE



CCEC77



71E7FF

Square

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



CCEC77



00FCFF



DDD2FF



FFB5AD

Rectangle

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



CCEC77



3CFBC6



DDD2FF



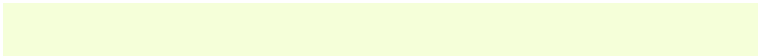
FFB3F9

Sweetspot

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



CCEC77



F5FFD9



EC9677



798069



000000



808080

Same Dimension

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



CCEC77



D6FF69



92EC77



72756A



84B500



273600

Inverse Universe

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



9777EC



9269FF



D177EC



6D6A75



3200B5



0F0036

Previews

White Background



This preview shows how the Hex color CCEC77 looks on a white background.

Color Contrast Check

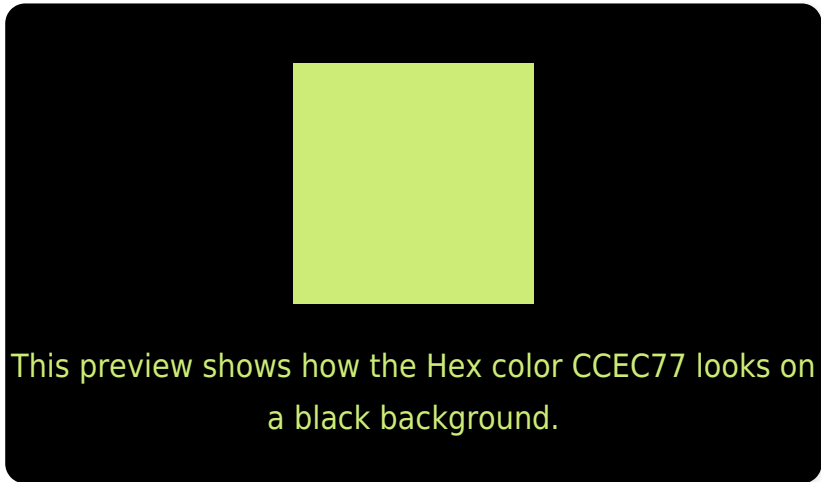
Large Text (above 18pt) WCAG AA × Fail

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 CCEC77 Background



This preview shows how black text looks on a background with the Hex color CCEC77.

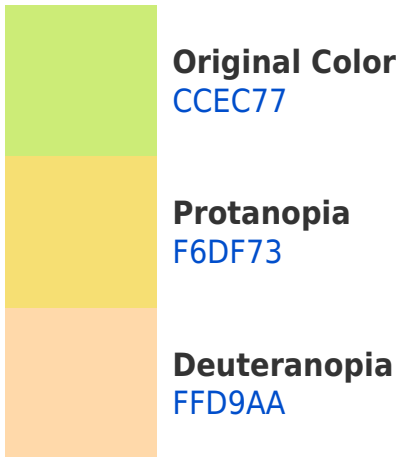


This preview shows how white text looks on a background with the Hex color CCEC77.

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](#).

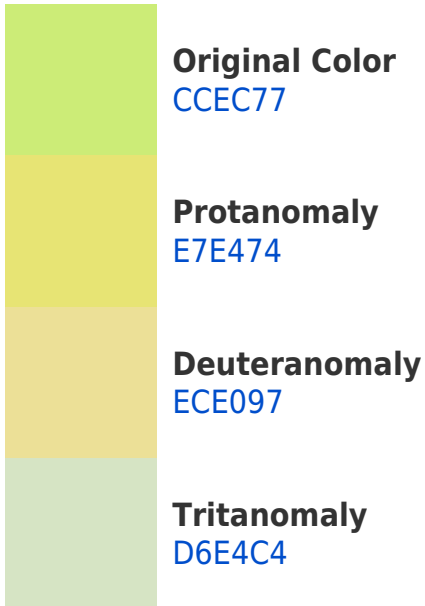
Dichromacy



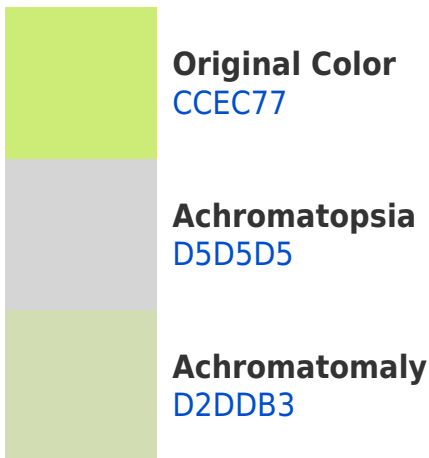


Tritanopia
DBDFF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCEC77 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 #CCEC77 looks like.

```
.text, #text, p{  
    color:#CCEC77  
}
```

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 #CCEC77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCEC77  
}
```

Border

The CSS property to change the border of an element to Hex CCEC77 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  
#CCEC77 }
```

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

```
.border{ border-color:#CCEC77 }
```

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

Here you see how a box with a 4 pixel `#CCEC77` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCEC77; -webkit-box-shadow:4px 4px  
4px 4px #CCEC77; box-shadow:4px 4px 4px  
4px #CCEC77 }
```

Background

The CSS property to change the background color of an element to Hex CCEC77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCEC77 }
```

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

```
.background{ background-color:#CCEC77 }
```

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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