

Converting Colors

Hex(CCEC00)

Have a look what the booklet for
Hex(CCEC00) contains.

| | |
|--|----|
| Hex(CCEC00) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(CCEC00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CCEC00 |
| RGB | 204, 236, 0 |
| RGB Percent | 80%, 93%, 0% |
| CMY | 0.2000, 0.0745, 1.0000 |
| CMYK | 0.14, 0.00, 1.00, 0.07 |
| HSL | 68°, 100%, 46% |
| HSV | 68°, 100%, 93% |
| XYZ | 54.8973, 72.8283, 11.1639 |
| YIQ | 199.5280, 56.6840, -80.1800 |

Conversions

Conversions Part 2

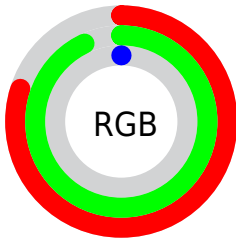
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 236, 32 |
| Decimal | 13429760 |
| CIELab | 88.37, -33.46, 86.33 |
| CIELCh | 88, 92.588, 111.182 |
| Yxy | 72.8283, 0.3953, 0.5244 |
| Android (android.graphics.Color) | 4291619840 (0xFFCCEC00) |
| YUV | 199.5280, -98.3673, 3.9219 |
| Hunter-Lab | 85.3395, -34.5184, 51.9815 |

Details

The Hex color **CCEC00** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed yellow. A complement of this color would be **2000EC**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF5B**, and **91B400** is the 20% darker color. If you saturate the color by 10%, you get **CCEC00**, and if you desaturate by 10%, it is **CFEC18**.

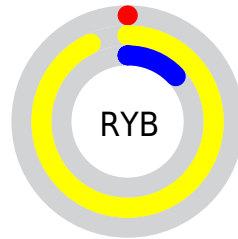
Distribution



Red (80%)

Green (93%)

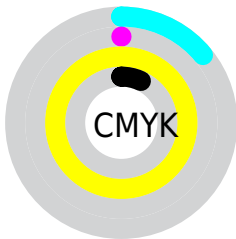
Blue (0%)



Red (0%)

Yellow (93%)

Blue (13%)

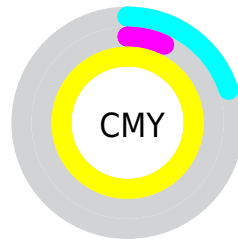


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (20%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCEC00 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 CCEC00 by changing the saturation by 10% instead.

 CCEC00

 CCEC00

FFFFFF

 AED000

 FFFF5B

 91B400

 FFFF7A

 739900

 FFFF97

 577F00

 FFFFB5

 396600

 FFFFD3

 1B4E00

 FFFFF1

 003700

 002300

 000000

 CCEC00

 CFEC18

 D2EC2F

 D6EC47

 D9EC5E

 DCEC76

 DFEC8E

 E2ECA5

 E6ECBD

 E9ECD4

Harmonies

Analogous

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



FFD000



CCEC00



52FD67

Triad

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



CCEC00



00FFFF



FF86FC

Complementary

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



CCEC00



2000EC

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.



FFA9FF



CCEC00



00F0FF

Square

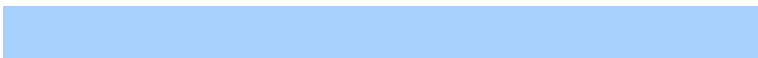
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CCEC00



00FFFF



A6D1FF



FF89A4

Rectangle

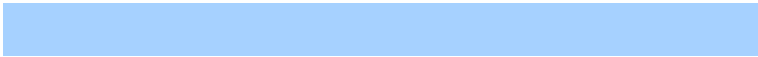
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CCEC00



00FFA1



A6D1FF



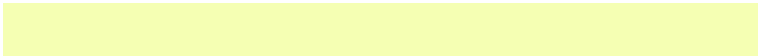
FF8FFF

Sweetspot

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



CCEC00



F5FFB3



EC1F00



798052



000000



808080

Same Dimension

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



CCEC00



DCFF00



57EC00



74756A



9DB500



2E3600

Inverse Universe

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



2000EC



2300FF



9500EC



6B6A75



1900B5



070036

Previews

White Background



This preview shows how the Hex color CCEC00 looks on a white background.

Color Contrast Check

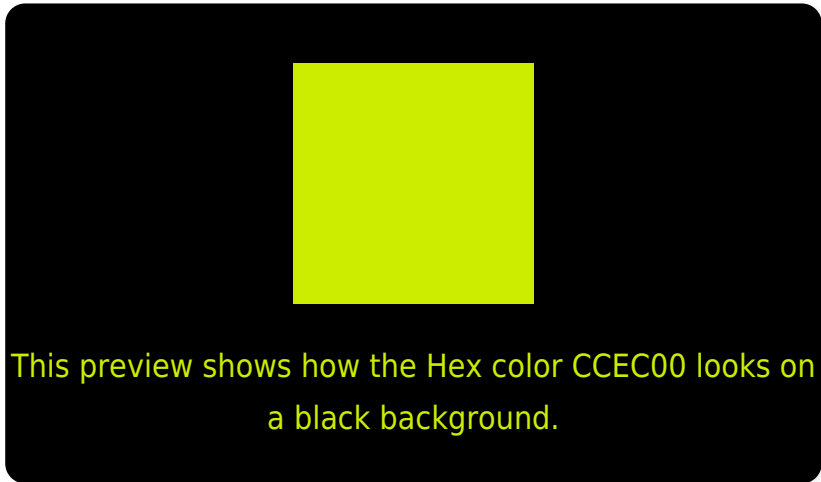
Large Text (above 18pt) WCAG AA × Fail

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 CCEC00 Background



This preview shows how black text looks on a background with the Hex color CCEC00.

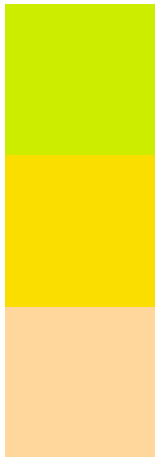


This preview shows how white text looks on a background with the Hex color CCEC00.

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
CCEC00

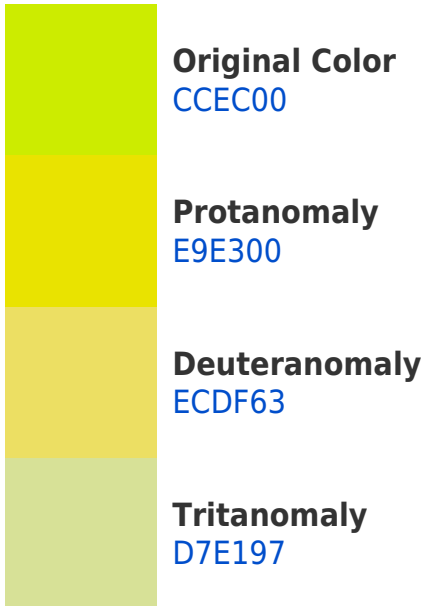
Protanopia
FADE00

Deuteranopia
FFD79C

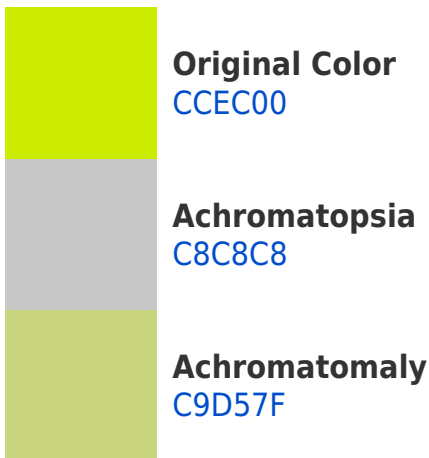


Tritanopia
DEDBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCEC00 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 #CCEC00 looks like.

```
.text, #text, p{  
    color:#CCEC00  
}
```

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 #CCEC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCEC00
}
```

Border

The CSS property to change the border of an element to Hex CCEC00 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
#CCEC00 }
```

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

```
.border{ border-color:#CCEC00 }
```

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

Here you see how a box with a 4 pixel #CCEC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCEC00; -webkit-box-shadow:4px 4px  
4px 4px #CCEC00; box-shadow:4px 4px 4px  
4px #CCEC00 }
```

Background

The CSS property to change the background color of an element to Hex CCEC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCEC00 }
```

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

```
.background{ background-color:#CCEC00 }
```

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