

Converting Colors

Hex(CCDE07)

Have a look what the booklet for
Hex(CCDE07) contains.

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Color

Hex(CCDE07)

Conversions

Conversions Part 1

Format	Color
Hex	CCDE07
RGB	204, 222, 7
RGB Percent	80%, 87%, 3%
CMY	0.2000, 0.1294, 0.9725
CMYK	0.08, 0.00, 0.97, 0.13
HSL	65°, 94%, 45%
HSV	65°, 97%, 87%
XYZ	51.0615, 65.0953, 10.0744
YIQ	192.1080, 58.2870, -70.6810

Conversions

Conversions Part 2

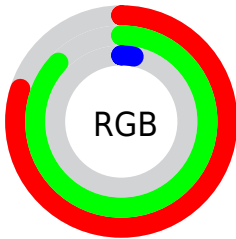
Format	Color
RYB	7, 222, 25
Decimal	13426183
CIELab	84.53, -26.87, 82.87
CIELCh	85, 87.120, 107.963
Yxy	65.0953, 0.4045, 0.5157
Android (android.graphics.Color)	4291616263 (0xFFCCDE07)
YUV	192.1080, -91.2582, 10.4293
Hunter-Lab	80.6816, -28.2245, 49.0738

Details

The Hex color **CCDE07** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **1907DE**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFF5A**, and **91A700** is the 20% darker color. If you saturate the color by 10%, you get **CBDE00**, and if you desaturate by 10%, it is **CEDE1D**.

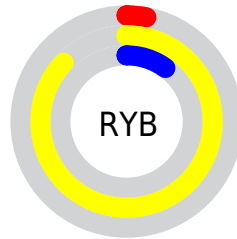
Distribution



Red (80%)

Green (87%)

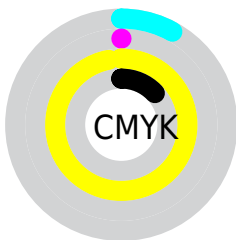
Blue (3%)



Red (3%)

Yellow (87%)

Blue (10%)

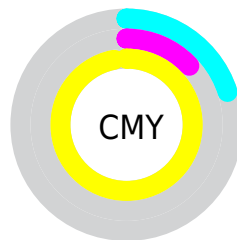


Cyan (8%)

Magenta (0%)

Yellow (97%)

Black (13%)



Cyan (20%)

Magenta (13%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCDE07 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 CCDE07 by changing the saturation by 10% instead.

 CCDE07

 CCDE07

FFFFFF

 AEC200

 FFFF5A

 91A700

 FFFF78

 748D00

 FFFF95

 587300


 FFFFB3

 3C5B00

 FFFF00

 1F4300

 FFFFEE

 012D00

 001800

 000000

 CCDE07

 CCDE07

 CBDE00

 CEDE1D

 D0DE33

 D2DE4A

 D3DE60

 D5DE76

 D7DE8C

 D9DEA2

 DBDEB9

 DDDECF

Harmonies

Analogous

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



FFC30F



CCDE07



65EF5C

Triad

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



CCDE07



00F4FF



FF85F8

Complementary

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



CCDE07



1907DE

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.



FFA6FF



CCDE07



00E6FF

Square

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



CCDE07



00F9FF



8BCBFF



FF83A5

Rectangle

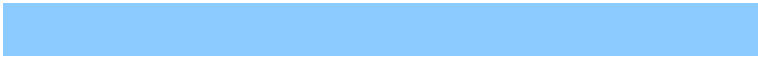
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CCDE07



00F592



8BCBFF



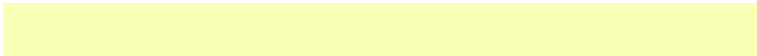
FF8EFF

Sweetspot

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



CCDE07



F9FFB5



DE1907



7C8053



000000



808080

Same Dimension

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



CCDE07



EAFF00



61DE07



6F7065



A1B000



2C3000

Inverse Universe

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



1907DE



1500FF



8407DE



666570



0F00B0



040030

Previews

White Background



This preview shows how the Hex color CCDE07 looks on a white background.

Color Contrast Check

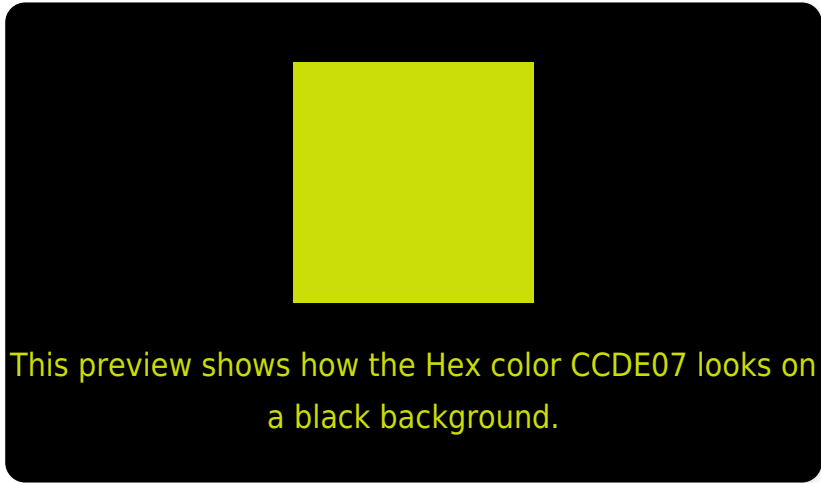
Large Text (above 18pt) WCAG AA × Fail

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 CCDE07 Background



This preview shows how black text looks on a background with the Hex color CCDE07.

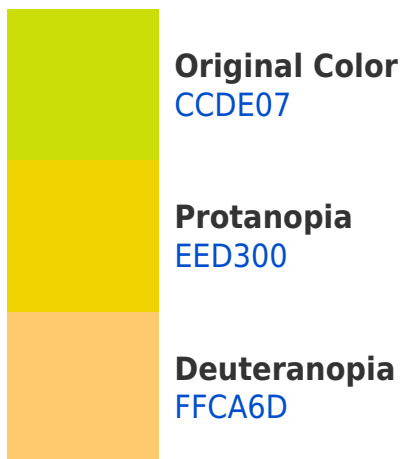


This preview shows how white text looks on a background with the Hex color CCDE07.

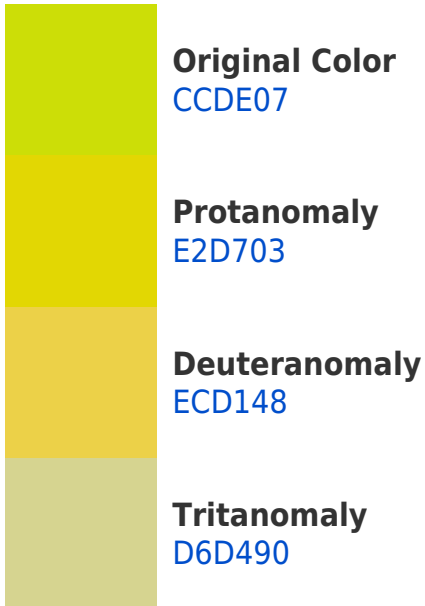
Color Blindness Simulation

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](#).

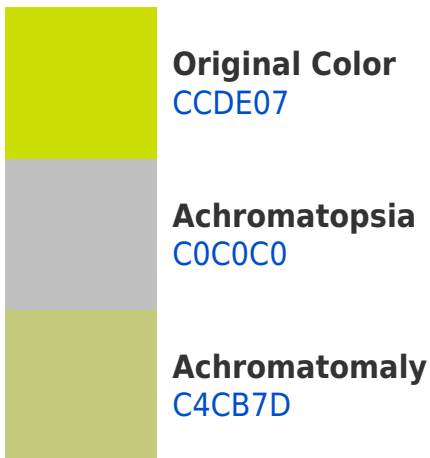
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCDE07 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 #CCDE07 looks like.

```
.text, #text, p{  
    color:#CCDE07  
}
```

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 #CCDE07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCDE07
}
```

Border

The CSS property to change the border of an element to Hex CCDE07 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
#CCDE07 }
```

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

```
.border{ border-color:#CCDE07 }
```

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

Here you see how a box with a 4 pixel #CCDE07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCDE07; -webkit-box-shadow:4px 4px  
4px 4px #CCDE07; box-shadow:4px 4px 4px  
4px #CCDE07 }
```

Background

The CSS property to change the background color of an element to Hex CCDE07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCDE07 }
```

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

```
.background{ background-color:#CCDE07 }
```

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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