

Converting Colors

Hex(CDDE17)

Have a look what the booklet for
Hex(CDDE17) contains.

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Color

Hex(CDDE17)

Conversions

Conversions Part 1

Format	Color
Hex	CDDE17
RGB	205, 222, 23
RGB Percent	80%, 87%, 9%
CMY	0.1961, 0.1294, 0.9098
CMYK	0.08, 0.00, 0.90, 0.13
HSL	65°, 81%, 48%
HSV	65°, 90%, 87%
XYZ	51.4528, 65.2835, 10.6997
YIQ	194.2310, 53.7470, -65.4930

Conversions

Conversions Part 2

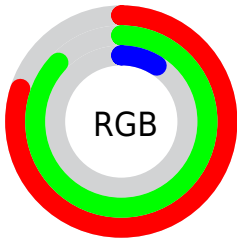
Format	Color
R _Y B	23, 222, 40
Decimal	13491735
CIE Lab	84.63, -26.25, 81.21
CIE LCh	85, 85.344, 107.913
Yxy	65.2835, 0.4038, 0.5123
Android (android.graphics.Color)	4291681815 (0xFFCDDE17)
YUV	194.2310, -84.4169, 9.4444
Hunter-Lab	80.7982, -27.7271, 48.7073

Details

The Hex color **CDDE17** 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 **2817DE**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF5F**, and **92A700** is the 20% darker color. If you saturate the color by 10%, you get **CBDE01**, and if you desaturate by 10%, it is **CFDE2D**.

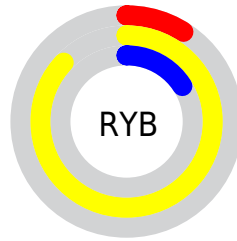
Distribution



Red (80%)

Green (87%)

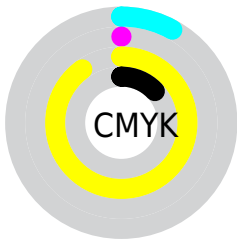
Blue (9%)



Red (9%)

Yellow (87%)

Blue (16%)

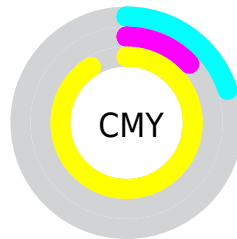


Cyan (8%)

Magenta (0%)

Yellow (90%)

Black (13%)



Cyan (20%)

Magenta (13%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDDE17 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 CDDE17 by changing the saturation by 10% instead.

 CDDE17

 CDDE17

FFFFFF

 AFC200

 FFFF5F

 92A700

 FFFF7D

 758D00

 FFFF9A

 597300

 FFFFB7

 3D5B00

 FFFFD5

 214300

 FFFFF2

 032D00

 001900

 000000

 CDDE17

 CDDE17

 CBDE01

 CFDE2D

 CBDE00

 D1DE43

 D3DE5A

 D5DE70

 D6DE86

 D8DE9C

 DADEB2

 DCDEC9

 DEDEDF

Harmonies

Analogous

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



FFC41B



CDDE17



69EE5F

Triad

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



CDDE17



00F4FF



FF88F7

Complementary

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



CDDE17



2817DE

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.



FFA8FF



CDDE17



00E6FF

Square

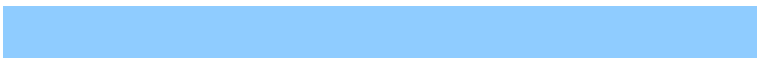
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDDE17



00F9FF



8FCCFF



FF86A7

Rectangle

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



CDDE17



00F593



8FCCFF



FF90FF

Sweetspot

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



CDDE17



F9FFBA



DE2817



7C8057



000000



808080

Same Dimension

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



CDDE17



E9FF00



6ADE17



6F7065



A1B000



2C3000

Inverse Universe

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



2817DE



1600FF



8B17DE



666570



0F00B0



040030

Previews

White Background



This preview shows how the Hex color CDDE17 looks on a white background.

Color Contrast Check

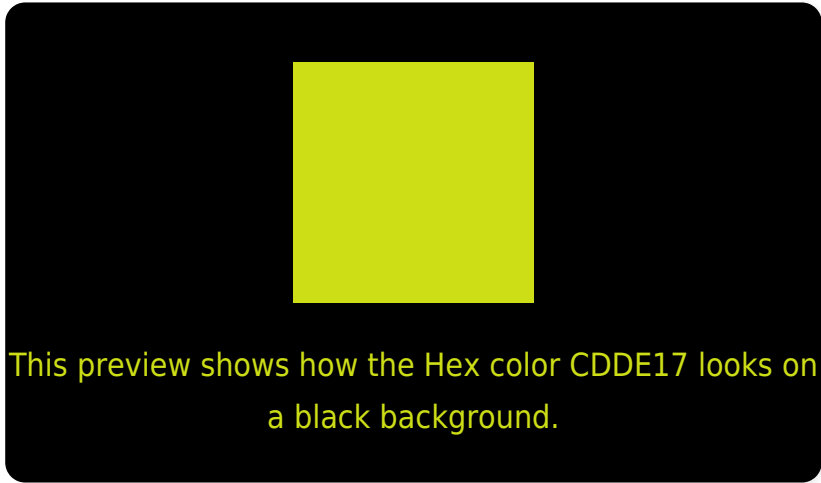
Large Text (above 18pt) WCAG AA × Fail

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 CDDE17 Background



This preview shows how black text looks on a background with the Hex color CDDE17.



This preview shows how white text looks on a background with the Hex color CDDE17.

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

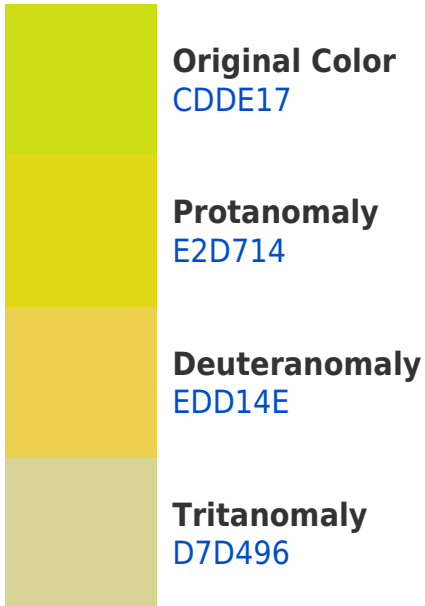


Original Color
CDDE17

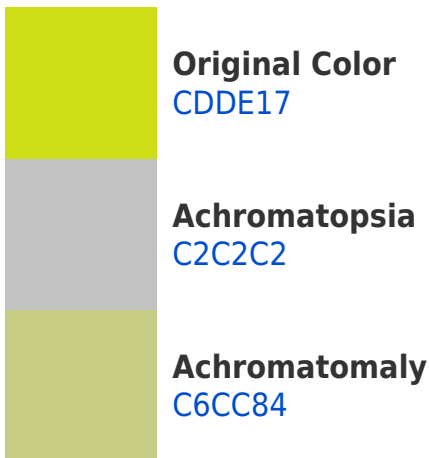
Protanopia
EED313

Deuteranopia
FFCA6E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDDE17 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 #CDDE17 looks like.

```
.text, #text, p{  
    color:#CDDE17  
}
```

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 #CDDE17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDDE17
}
```

Border

The CSS property to change the border of an element to Hex CDDE17 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
#CDDE17 }
```

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

```
.border{ border-color:#CDDE17 }
```

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

Here you see how a box with a 4 pixel #CDDE17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDDE17; -webkit-box-shadow:4px 4px  
4px 4px #CDDE17; box-shadow:4px 4px 4px  
4px #CDDE17 }
```

Background

The CSS property to change the background color of an element to Hex CDDE17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDDE17 }
```

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

```
.background{ background-color:#CDDE17 }
```

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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