

Converting Colors

Hex(C1DD06)

Have a look what the booklet for
Hex(C1DD06) contains.

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Color

Hex(C1DD06)

Conversions

Conversions Part 1

Format	Color
Hex	C1DD06
RGB	193, 221, 6
RGB Percent	76%, 87%, 2%
CMY	0.2431, 0.1333, 0.9765
CMYK	0.13, 0.00, 0.97, 0.13
HSL	68°, 95%, 45%
HSV	68°, 97%, 87%
XYZ	47.8816, 63.0635, 9.8211
YIQ	188.1180, 52.3270, -72.8010

Conversions

Conversions Part 2

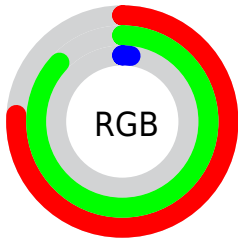
Format	Color
R _Y B	6, 221, 34
Decimal	12705030
CIE Lab	83.48, -30.93, 81.82
CIE LCh	83, 87.467, 110.709
Yxy	63.0635, 0.3965, 0.5222
Android (android.graphics.Color)	4290895110 (0xFFC1DD06)
YUV	188.1180, -89.7842, 4.2815
Hunter-Lab	79.4125, -31.3457, 48.2562

Details

The Hex color **C1DD06** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed yellow. A complement of this color would be **2206DD**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FDFF59**, and **86A600** is the 20% darker color. If you saturate the color by 10%, you get **C0DD00**, and if you desaturate by 10%, it is **C4DD1C**.

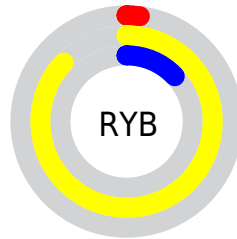
Distribution



Red (76%)

Green (87%)

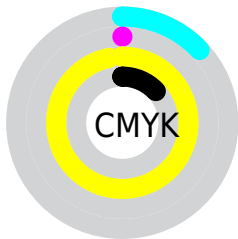
Blue (2%)



Red (2%)

Yellow (87%)

Blue (13%)

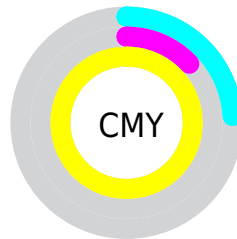


Cyan (13%)

Magenta (0%)

Yellow (97%)

Black (13%)



Cyan (24%)

Magenta (13%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1DD06 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 C1DD06 by changing the saturation by 10% instead.

 C1DD06

 C1DD06

FFFFFF

 A3C100

 FDF559

 86A600

 FFFF77

 6A8C00

 FFFF95

 4D7200

 FFFFB2

 305900

 FFFFCF

 124200

 FFFFED

 002B00

 001400

 000000

 C1DD06

 C1DD06

 C0DD00

 C4DD1C

 C7DD32

 CADD48

 CDDD5E

 CFDD75

 D2DD8B

 D5DDA1

 D8DDB7

 DBDDCD

Harmonies

Analogous

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



FFC300



C1DD06



52ED60

Triad

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



C1DD06



00F1FF



FF7FED

Complementary

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



C1DD06



2206DD

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.



FF9FFF



C1DD06



00E1FF

Square

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



C1DD06



00F6FF



9AC5FF



FF819B

Rectangle

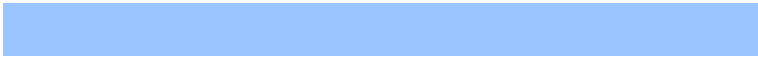
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C1DD06



00F396



9AC5FF



FF87FF

Sweetspot

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



C1DD06



F5FFB5



DD1F06



7A8053



000000



808080

Same Dimension

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



C1DD06



DEFF00



58DD06



6C6E63



97AD00



282E00

Inverse Universe

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



2206DD



2100FF



8B06DD



64636E



1700AD



06002E

Previews

White Background



This preview shows how the Hex color C1DD06 looks on a white background.

Color Contrast Check

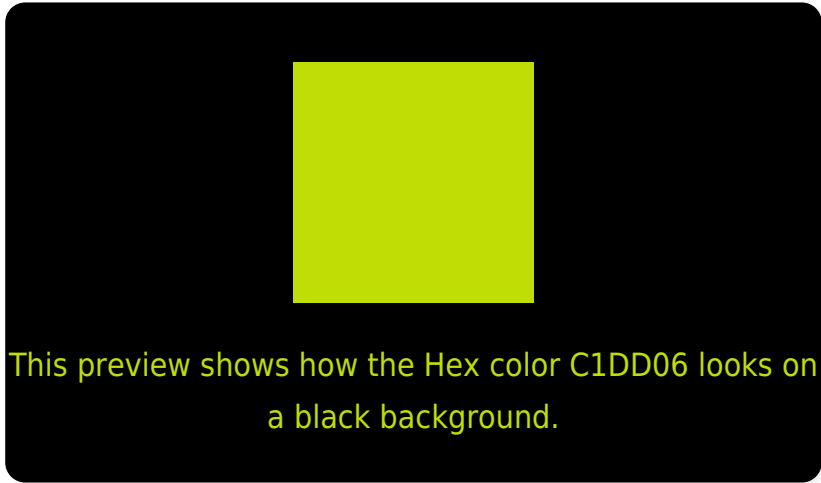
Large Text (above 18pt) WCAG AA × Fail

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 C1DD06 Background



This preview shows how black text looks on a background with the Hex color C1DD06.



This preview shows how white text looks on a background with the Hex color C1DD06.

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

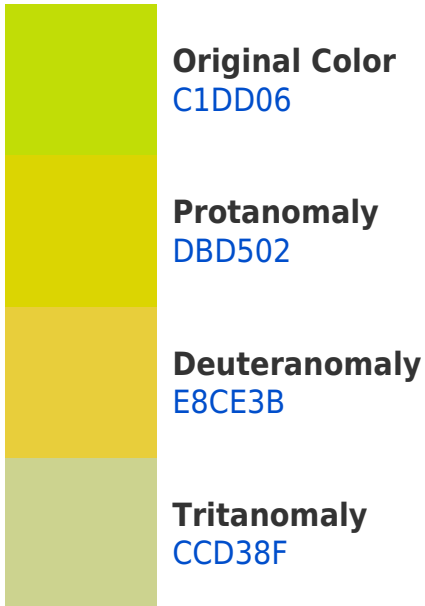


Original Color
C1DD06

Protanopia
EAD000

Deuteranopia
FFC65A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1DD06 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 #C1DD06 looks like.

```
.text, #text, p{  
    color:#C1DD06  
}
```

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 #C1DD06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1DD06  
}
```

Border

The CSS property to change the border of an element to Hex C1DD06 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  
#C1DD06 }
```

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

```
.border{ border-color:#C1DD06 }
```

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

Here you see how a box with a 4 pixel #C1DD06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1DD06; -webkit-box-shadow:4px 4px  
4px 4px #C1DD06; box-shadow:4px 4px 4px  
4px #C1DD06 }
```

Background

The CSS property to change the background color of an element to Hex C1DD06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1DD06 }
```

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

```
.background{ background-color:#C1DD06 }
```

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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