

Converting Colors

Hex(CDCD3C)

Have a look what the booklet for
Hex(CDCD3C) contains.

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Color

Hex(CDCD3C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CDCD3C |
| RGB | 205, 205, 60 |
| RGB Percent | 80%, 80%, 24% |
| CMY | 0.1961, 0.1961, 0.7647 |
| CMYK | 0.00, 0.00, 0.71, 0.20 |
| HSL | 60°, 59%, 52% |
| HSV | 60°, 71%, 80% |
| XYZ | 47.8238, 56.9680, 12.7503 |
| YIQ | 188.4700, 46.5450, -45.0950 |

Conversions

Conversions Part 2

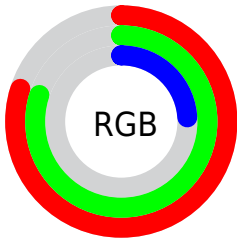
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 60, 205, 60 |
| Decimal | 13487420 |
| CIELab | 80.16, -16.81, 67.95 |
| CIELCh | 80, 69.996, 103.892 |
| Yxy | 56.9680, 0.4069, 0.4847 |
| Android (android.graphics.Color) | 4291677500 (0xFFCDCD3C) |
| YUV | 188.4700, -63.3357, 14.4968 |
| Hunter-Lab | 75.4772, -18.9840, 42.8182 |

Details

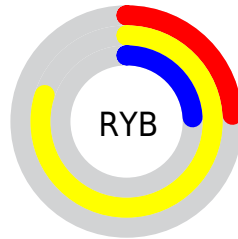
The Hex color **CDCD3C** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3C3CCD**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF75**, and **939700** is the 20% darker color. If you saturate the color by 10%, you get **CDCD27**, and if you desaturate by 10%, it is **CDCD51**.

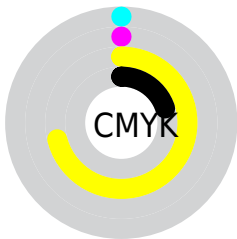
Distribution



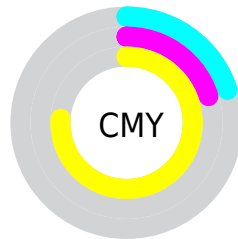
- Red (80%)
- Green (80%)
- Blue (24%)



- Red (24%)
- Yellow (80%)
- Blue (24%)



- Cyan (0%)
- Magenta (0%)
- Yellow (71%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDCD3C 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 CDCD3C by changing the saturation by 10% instead.

 CDCD3C

FFFFFF

 FFFF75

 FFFF90

 FFFFAD

 FFFFC9

 FFFFE7

 CDCD3C

 B0B21A

 939700

 777D00

 5C6400

 414D00

 263600

 0C2100

 000100

 000000

 CDCD3C

 CDCD3C

 CDCD27

 CDCD51

 CDCD13

 CDCD65

 CDCD00

 CDCD7A

 CDCD8E

 CDCDA3

 CDCDB7

 CDCDCC

 CDCDE0

 CDCDF5

Harmonies

Analogous

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



FFB743



CDCD3C



83DC63

Triad

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



CDCD3C



00E3FF



FF90ED

Complementary

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



CDCD3C



3C3CCD

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.



F2A9FF



CDCD3C



00D8FF

Square

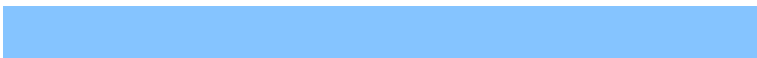
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDCD3C



00E7E4



85C4FF



FF8BAB

Rectangle

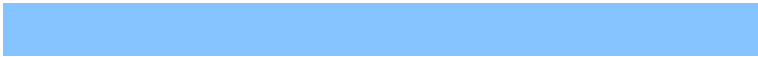
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CDCD3C



2FE28A



85C4FF



FF97FF

Sweetspot

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



CDCD3C



FFFFC9



CD3C3C



808060



000000



808080

Same Dimension

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



CDCD3C



FFFF26



84CD3C



66665C



A6A600



262600

Inverse Universe

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



3C3CCD



2626FF



843CCD



5C5C66



0000A6



000026

Previews

White Background



This preview shows how the Hex color CDCD3C looks on a white background.

Color Contrast Check

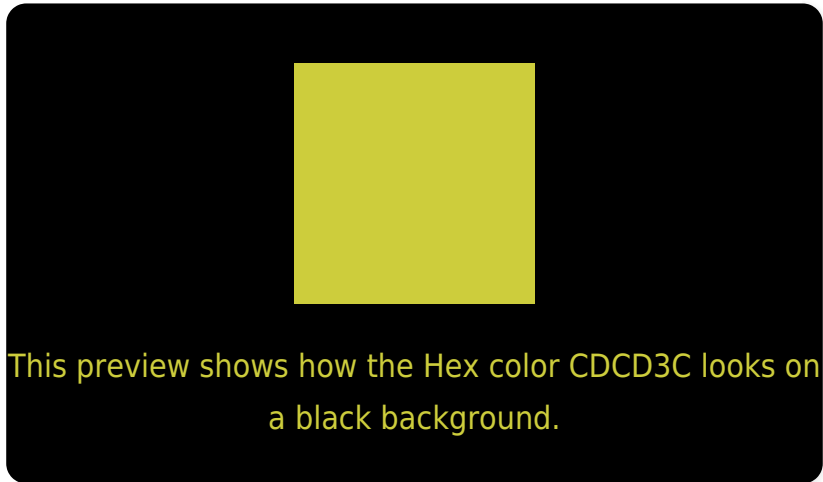
Large Text (above 18pt) WCAG AA × Fail

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 CDCD3C Background



This preview shows how black text looks on a background with the Hex color CDCD3C.



This preview shows how white text looks on a background with the Hex color CDCD3C.

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

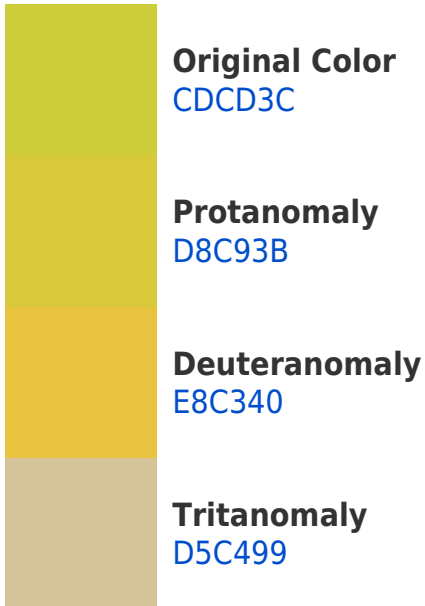


Original Color
C D C D 3 C

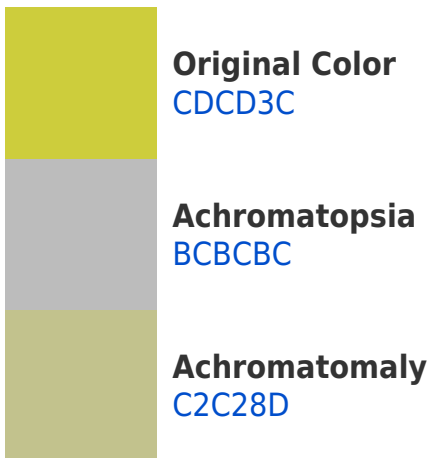
Protanopia
D F C 7 3 A

Deuteranopia
F 8 B D 4 2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDCD3C 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 #CDCD3C looks like.

```
.text, #text, p{  
    color:#CDCD3C  
}
```

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 #CDCD3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDCD3C
}
```

Border

The CSS property to change the border of an element to Hex CDCD3C 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
#CDCD3C }
```

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

```
.border{ border-color:#CDCD3C }
```

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

Here you see how a box with a 4 pixel #CDCD3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDCD3C; -webkit-box-shadow:4px 4px  
4px 4px #CDCD3C; box-shadow:4px 4px 4px  
4px #CDCD3C }
```

Background

The CSS property to change the background color of an element to Hex CDCD3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDCD3C }
```

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

```
.background{ background-color:#CDCD3C }
```

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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