

Converting Colors

Hex(CDCD03)

Have a look what the booklet for
Hex(CDCD03) contains.

Hex(CDCD03)	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(CDCD03)

Conversions

Conversions Part 1

Format	Color
Hex	CDCD03
RGB	205, 205, 3
RGB Percent	80%, 80%, 1%
CMY	0.1961, 0.1961, 0.9882
CMYK	0.00, 0.00, 0.99, 0.20
HSL	60°, 97%, 41%
HSV	60°, 99%, 80%
XYZ	47.0246, 56.6484, 8.5419
YIQ	181.9720, 64.8420, -62.8220

Conversions

Conversions Part 2

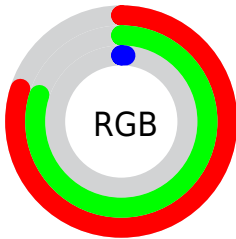
Format	Color
R _Y B	3, 205, 3
Decimal	13487363
CIE Lab	79.98, -18.26, 79.87
CIE LCh	80, 81.928, 102.876
Yxy	56.6484, 0.4191, 0.5048
Android (android.graphics.Color)	4291677443 (0xFFCDCD03)
YUV	181.9720, -88.2332, 20.1956
Hunter-Lab	75.2651, -20.1896, 45.9567

Details

The Hex color **CDCD03** 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 **0303CD**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFFF56**, and **929700** is the 20% darker color. If you saturate the color by 10%, you get **CDCD00**, and if you desaturate by 10%, it is **CDCD17**.

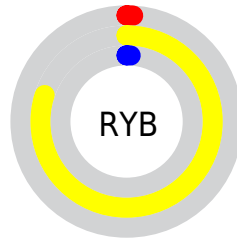
Distribution



Red (80%)

Green (80%)

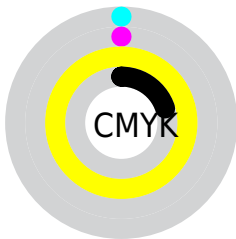
Blue (1%)



Red (1%)

Yellow (80%)

Blue (1%)

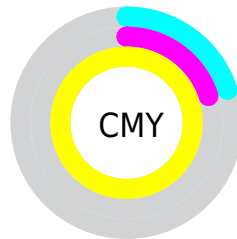


Cyan (0%)

Magenta (0%)

Yellow (99%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDCD03 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 CDCD03 by changing the saturation by 10% instead.



CDCD03



CDCD03

FFFFFF



AFB200



FFFF56



929700



FFFF73



757D00



FFF90



596500



FFFAD



3E4D00



FFFCB



243600



FFFE8



082100



000000



CDCD03



CDCD03

■ CDCD00

■ CDCD17

■ CDCD2C

■ CDCD41

■ CDCD55

■ CDCD69

■ CDCD7E

■ CDCD93

■ CDCDA7

■ CDCDBB

Harmonies

Analogous

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



FFB321



CDCD03



76DE4C

Triad

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



CDCD03



00E7FF



FF82F5

Complementary

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



CDCD03



0303CD

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.



F3A3FF



CDCD03



00DBFF

Square

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



CDCD03



00EAE6



5EC4FF



FF7AA9

Rectangle

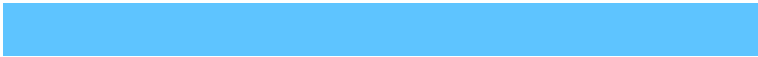
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CDCD03



00E57D



5EC4FF



FF8CFF

Sweetspot

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



CDCD03



FFFFB3



CD0303



808052



000000



808080

Same Dimension

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



CDCD03



FFFF00



68CD03



66665C



A6A600



262600

Inverse Universe

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



0303CD



0000FF



6803CD



5C5C66



0000A6



000026

Previews

White Background



This preview shows how the Hex color CDCD03 looks on a white background.

Color Contrast Check

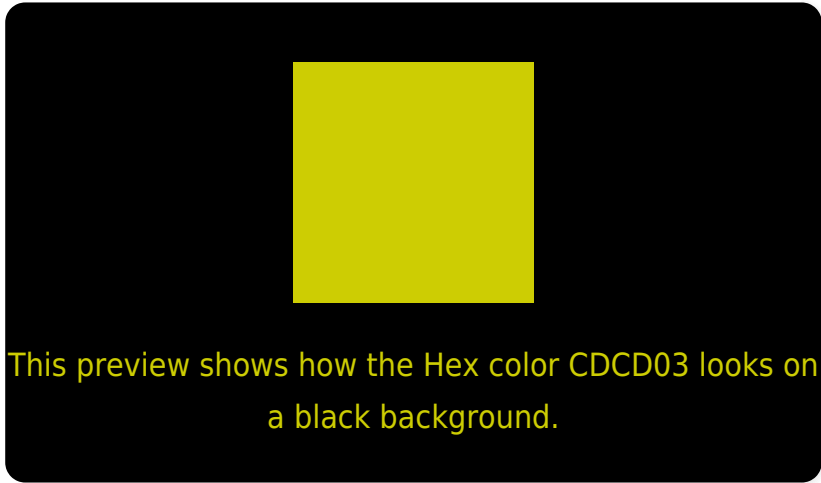
Large Text (above 18pt) WCAG AA × Fail

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 CDCD03 Background



This preview shows how black text looks on a background with the Hex color CDCD03.

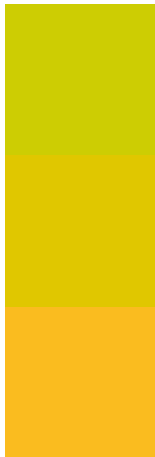


This preview shows how white text looks on a background with the Hex color CDCD03.

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

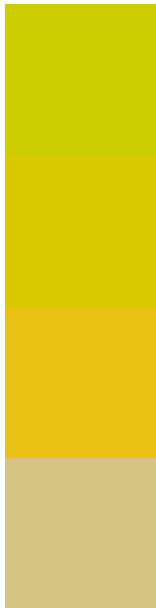


Original Color
CDCD03

Protanopia
E0C700

Deuteranopia
FABC1F

Trichromacy



Original Color
C8C003

Protanomaly
D9C901

Deuteranomaly
EAC215

Tritanomaly
D6C484

Monochromacy



Original Color
C8C003

Achromatopsia
B6B6B6

Achromatomaly
BEBE75

CSS Examples

Text

The CSS property to change the color of the text to Hex CDCD03 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 #CDCD03 looks like.

```
.text, #text, p{  
    color:#CDCD03  
}
```

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 #CDCD03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDCD03
}
```

Border

The CSS property to change the border of an element to Hex CDCD03 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
#CDCD03 }
```

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

```
.border{ border-color:#CDCD03 }
```

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

Here you see how a box with a 4 pixel #CDCD03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDCD03; -webkit-box-shadow:4px 4px  
4px 4px #CDCD03; box-shadow:4px 4px 4px  
4px #CDCD03 }
```

Background

The CSS property to change the background color of an element to Hex CDCD03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDCD03 }
```

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

```
.background{ background-color:#CDCD03 }
```

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