

# Converting Colors

Hex(CDCB04)

Have a look what the booklet for  
Hex(CDCB04) contains.

<b>Hex(CDCB04)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(CDCB04)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDCB04
RGB	205, 203, 4
RGB Percent	80%, 80%, 2%
CMY	0.1961, 0.2039, 0.9843
CMYK	0.00, 0.01, 0.98, 0.20
HSL	59°, 96%, 41%
HSV	59°, 98%, 80%
XYZ	46.5547, 55.6998, 8.4123
YIQ	180.9120, 65.0710, -61.4650

# Conversions

## Conversions Part 2

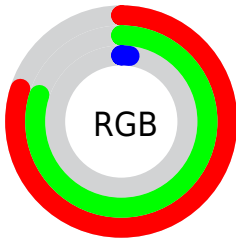
Format	Color
<a href="#">RYB</a>	<a href="#">6, 205, 4</a>
Decimal	<a href="#">13486852</a>
CIELab	<a href="#">79.44, -17.26, 79.37</a>
CIELCh	<a href="#">79, 81.228, 102.265</a>
Yxy	<a href="#">55.6998, 0.4207, 0.5033</a>
Android (android.graphics.Color)	<a href="#">4291676932</a> ( <a href="#">0xFFCDCB04</a> )
YUV	<a href="#">180.9120, -87.2176, 21.1252</a>
Hunter-Lab	<a href="#">74.6323, -19.2604, 45.5596</a>

# Details

The Hex color **CDCB04** 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 **0406CD**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFFF56**, and **929500** is the 20% darker color. If you saturate the color by 10%, you get **CDCB00**, and if you desaturate by 10%, it is **CDCB18**.

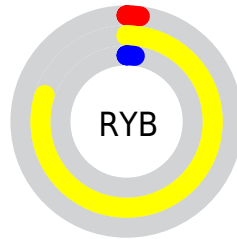
# Distribution



Red (80%)

Green (80%)

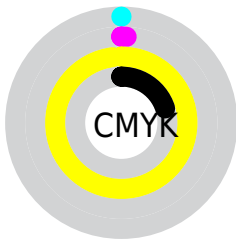
Blue (2%)



Red (2%)

Yellow (80%)

Blue (2%)

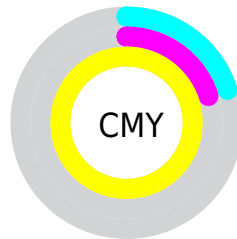


Cyan (0%)

Magenta (1%)

Yellow (98%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDCB04 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 CDCB04 by changing the saturation by 10% instead.



 CDCB04

 CDCB04

FFFFFF

 AFB000

 FFFF56

 929500

 FFFF73

 767C00

 FFFF90

 596300

 FFFFAD

 3E4B00

 FFFFFA

 243500

 FFFFFE

 082000

 000000

 CDCB04

 CDCB04

 CDCB00

 CDCB18

 CDCB2D

 CDCC41

 CDCC56

 CDCC6A

 CDCC7F

 CDCC93

 CDCDA8

 CDCDBC

# Harmonies

## Analogous

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



FFB123



CDCB04



77DC4B

# Triad

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



CDCB04



00E5FF



FF82F5

# Complementary

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



CDCB04



0406CD

# 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.



F0A2FF



CDCB04



00DAFF

# Square

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



CDCB04



00E8E3



59C3FF



FF79A9

# Rectangle

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



CDCB04



00E37A



59C3FF



FF8BFF



# Sweetspot

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



CDCB04



FFFEB5



CD0407



807F53



000000



808080



# Same Dimension

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



CDCB04



FFFC00



6CCD04



66665C



A6A400



262600



# Inverse Universe

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



0406CD



0003FF



6504CD



5C5C66



0002A6

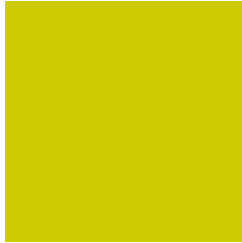


000026



# Previews

## White Background



This preview shows how the Hex color CDCB04 looks on a white background.

## Color Contrast Check

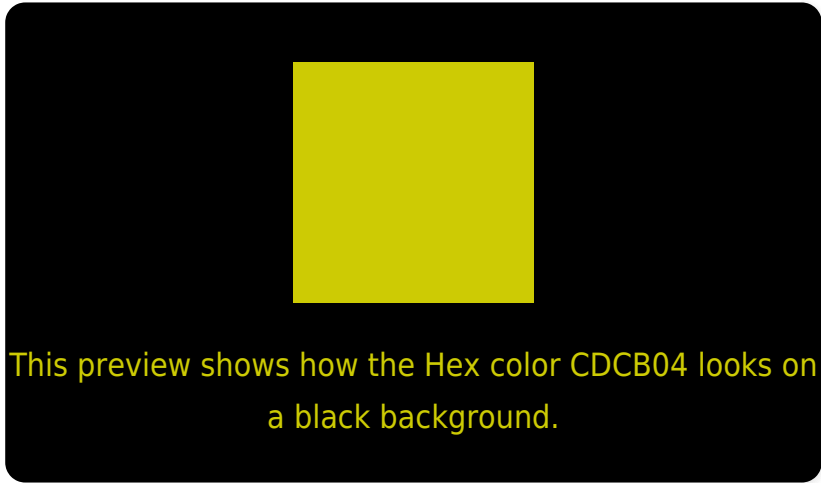
Large Text (above 18pt) WCAG AA × Fail

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 CDCB04 Background



This preview shows how black text looks on a background with the Hex color CDCB04.

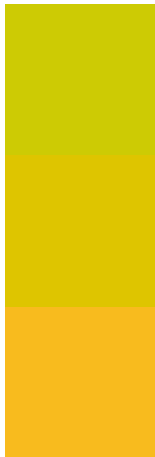


This preview shows how white text looks on a background with the Hex color CDCB04.

# 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



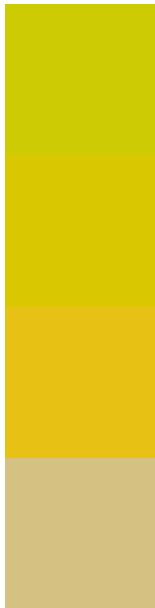
**Original Color**  
CDCB04

**Protanopia**  
DEC500

**Deuteranopia**  
F8BB1E



# Trichromacy



**Original Color**  
CDCB04

**Protanomaly**  
D8C701

**Deuteranomaly**  
E8C115

**Tritanomaly**  
D5C283

# Monochromacy



**Original Color**  
CDCB04

**Achromatopsia**  
B5B5B5

**Achromatomaly**  
BEBD75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDCB04 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 #CDCB04 looks like.

```
.text, #text, p{  
    color:#CDCB04  
}
```

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 #CDCB04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDCB04
}
```

## Border

The CSS property to change the border of an element to Hex CDCB04 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
#CDCB04 }
```

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

```
.border{ border-color:#CDCB04 }
```

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

Here you see how a box with a 4 pixel #CDCB04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDCB04; -webkit-box-shadow:4px 4px  
4px 4px #CDCB04; box-shadow:4px 4px 4px  
4px #CDCB04 }
```

# Background

The CSS property to change the background color of an element to Hex CDCB04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDCB04 }
```

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

```
.background{ background-color:#CDCB04 }
```

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