

Converting Colors

Hex(CDCB4E)

Have a look what the booklet for
Hex(CDCB4E) contains.

Hex(CDCB4E)	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(CDCB4E)

Conversions

Conversions Part 1

Format	Color
Hex	CDCB4E
RGB	205, 203, 78
RGB Percent	80%, 80%, 31%
CMY	0.1961, 0.2039, 0.6941
CMYK	0.00, 0.01, 0.62, 0.20
HSL	59°, 56%, 55%
HSV	59°, 62%, 80%
XYZ	47.9079, 56.2411, 15.5383
YIQ	189.3480, 41.3170, -38.4510

Conversions

Conversions Part 2

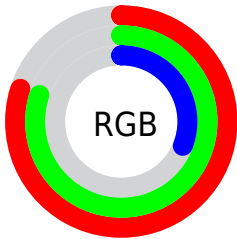
Format	Color
RYB	80, 205, 78
Decimal	13486926
CIELab	79.75, -14.80, 60.57
CIELCh	80, 62.355, 103.732
Yxy	56.2411, 0.4003, 0.4699
Android (android.graphics.Color)	4291677006 (0xFFCDCB4E)
YUV	189.3480, -54.8946, 13.7268
Hunter-Lab	74.9940, -17.2097, 40.2113

Details

The Hex color **CDCB4E** 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 **4E50CD**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF84**, and **949511** is the 20% darker color. If you saturate the color by 10%, you get **CDCB3A**, and if you desaturate by 10%, it is **CDCB63**.

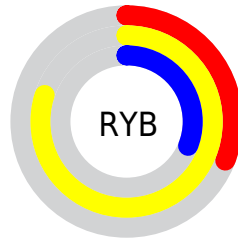
Distribution



Red (80%)

Green (80%)

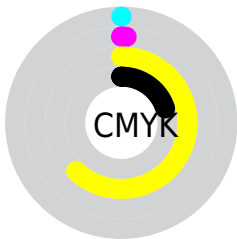
Blue (31%)



Red (31%)

Yellow (80%)

Blue (31%)

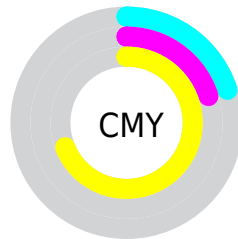


Cyan (0%)

Magenta (1%)

Yellow (62%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDCB4E 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 CDCB4E by changing the saturation by 10% instead.



CDCB4E



CDCB4E

FFFFFF



B0B032



FFF884



949511



FFFA00



787B00



FFFBC0



5D6300



FFFD90



424B00



FFFF60



283500



0F2000



000000



CDCB4E



CDCB4E

 CDCB3A

 CDCB63

 CDCA25

 CDCC77

 CDCA10

 CDCC8B

 CDCA00

 CDCCA0

 CDCDB5

 CDCDC9

 CDCDDE

 CDCEF2

 CDCEFF

Harmonies

Analogous

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



FFB753



CDCB4E



8CD96E

Triad

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



CDCB4E



00DFFF



FF98E8

Complementary

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



CDCB4E



4E50CD

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.



ECABFF



CDCB4E



00D5FF

Square

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



CDCB4E



00E3DF



91C3FF



FF93AD

Rectangle

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



CDCB4E



4FDF90



91C3FF



FF9DFA

Sweetspot

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



CDCB4E



FFFECE



CD4E50



807F62



000000



808080

Same Dimension

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



CDCB4E



FFFC42



90CD4E



66665C



A6A300



262600

Inverse Universe

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



4E50CD



4245FF



8B4ECD



5C5C66



0003A6



000126

Previews

White Background



This preview shows how the Hex color CDCB4E looks on a white background.

Color Contrast Check

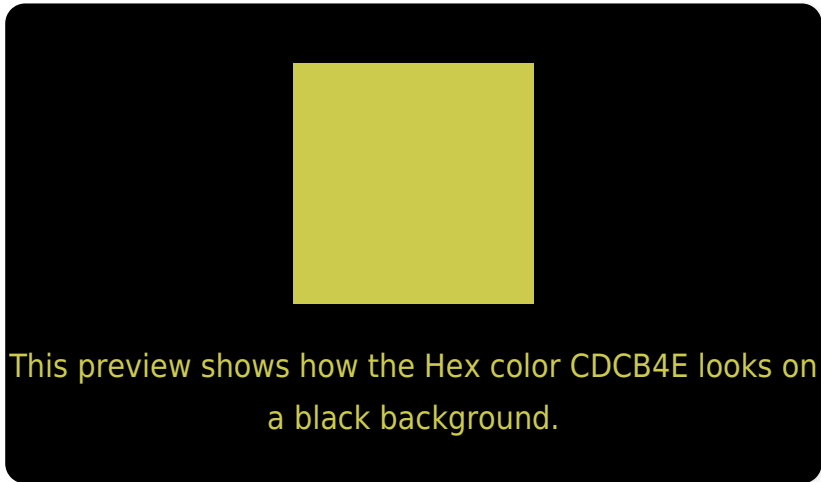
Large Text (above 18pt) WCAG AA × Fail

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 CDCB4E Background



This preview shows how black text looks on a background with the Hex color CDCB4E.

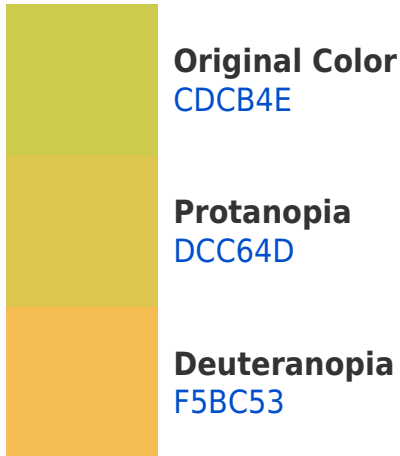



This preview shows how white text looks on a background with the Hex color CDCB4E.

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](#).

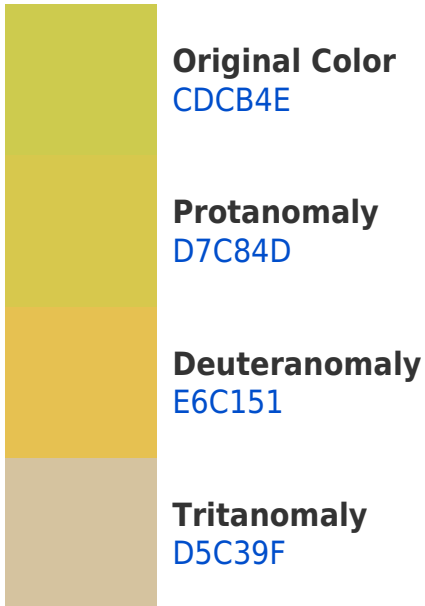
Dichromacy



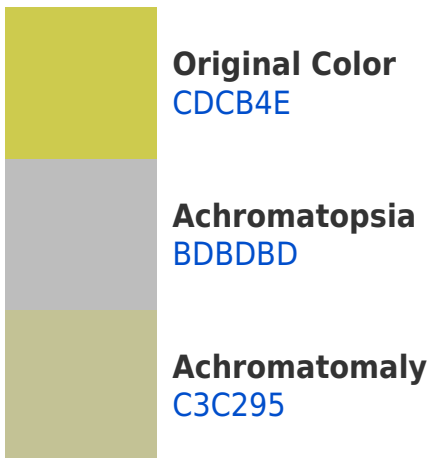


Tritanopia
D9BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDCB4E 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 #CDCB4E looks like.

```
.text, #text, p{  
    color:#CDCB4E  
}
```

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 #CDCB4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDCB4E
}
```

Border

The CSS property to change the border of an element to Hex CDCB4E 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
#CDCB4E }
```

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

```
.border{ border-color:#CDCB4E }
```

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

Here you see how a box with a 4 pixel #CDCB4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDCB4E; -webkit-box-shadow:4px 4px  
4px 4px #CDCB4E; box-shadow:4px 4px 4px  
4px #CDCB4E }
```

Background

The CSS property to change the background color of an element to Hex CDCB4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDCB4E }
```

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

```
.background{ background-color:#CDCB4E }
```

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