

# Converting Colors

Hex(CCC44D)

Have a look what the booklet for  
Hex(CCC44D) contains.

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# **Color**

**Hex(CCC44D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCC44D
RGB	204, 196, 77
RGB Percent	80%, 77%, 30%
CMY	0.2000, 0.2314, 0.6980
CMYK	0.00, 0.04, 0.62, 0.20
HSL	56°, 55%, 55%
HSV	56°, 62%, 80%
XYZ	45.9813, 52.8530, 14.7994
YIQ	184.8260, 42.9670, -35.3130

# Conversions

## Conversions Part 2

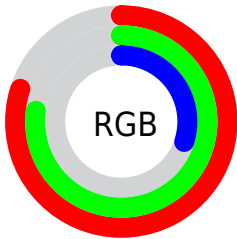
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 204, 77
Decimal	13419597
CIELab	77.79, -11.75, 58.87
CIELCh	78, 60.034, 101.286
Yxy	52.8530, 0.4046, 0.4651
Android (android.graphics.Color)	4291609677 (0xFFCCC44D)
YUV	184.8260, -53.1582, 16.8156
Hunter-Lab	72.7001, -14.3276, 38.8206

# Details

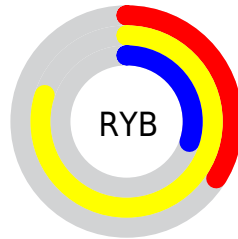
The Hex color **CCC44D** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **4D55CC**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFFC83**, and **938F11** is the 20% darker color. If you saturate the color by 10%, you get **CCC339**, and if you desaturate by 10%, it is **CCC561**.

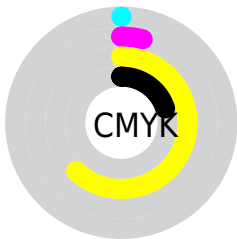
# Distribution



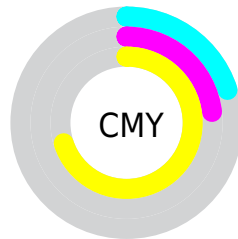
- Red (80%)
- Green (77%)
- Blue (30%)



- Red (34%)
- Yellow (80%)
- Blue (30%)



- Cyan (0%)
- Magenta (4%)
- Yellow (62%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCC44D 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 CCC44D by changing the saturation by 10% instead.



■ CCC44D

■ CCC44D

FFFFFF

■ AFA932

■ FFFC83

■ 938F11

■ FFFF9E

■ 777500

■ FFFFBA

■ 5C5D00

■ FFFFD7

■ 424500

■ FFFFF4

■ 282F00

■ 0D1B00

■ 000000

■ CCC44D

■ CCC44D

 CCC339

 CCC561

 CCC124

 CCC776

 CCC010

 CCC88A

 CCBF00

 CCC99F

 CCCAB3

 CCCCC7

 CCCDDC

 CCCEF0

 CCD0FF

# Harmonies

## Analogous

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



FDB155



CCC44D



8FD269

# Triad

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



CCC44D



00D9FF



FF95E5

# Complementary

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



CCC44D



4D55CC

# 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.



E0A9FF



CCC44D



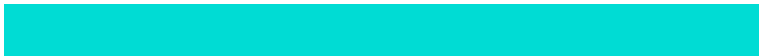
00D0FF

# Square

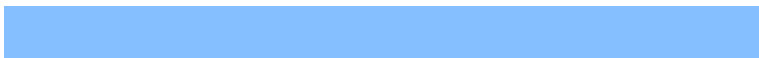
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CCC44D



00DCD4



85BFFF



FF90AD

# Rectangle

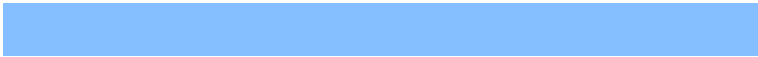
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CCC44D



59D888



85BFFF



FF9BF7



# Sweetspot

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



CCC44D



FFFCCF



CC4D55



807E62



000000



808080



# Same Dimension

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



CCC44D



FFF340



95CC4D



66655C



A69B00



262400



# Inverse Universe

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



4D55CC



404CFF



844DCC



5C5C66



000AA6



000226



# Previews

## White Background



This preview shows how the Hex color CCC44D looks on a white background.

## Color Contrast Check

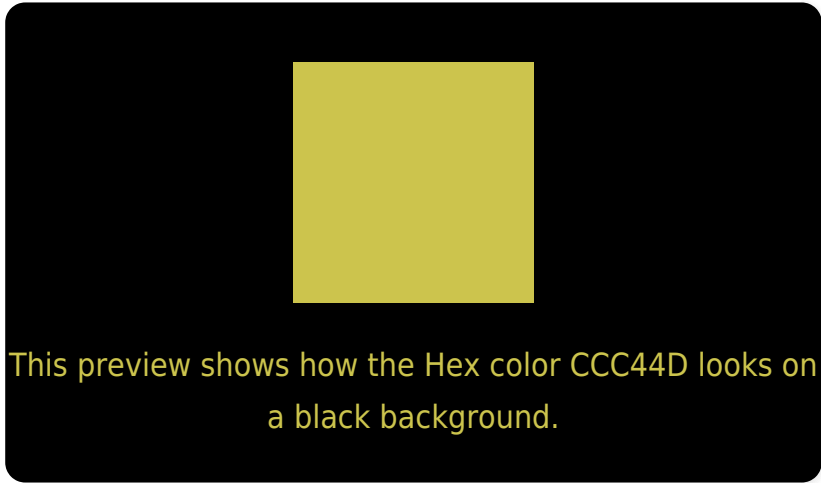
Large Text (above 18pt) WCAG AA × Fail

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 CCC44D Background



This preview shows how black text looks on a background with the Hex color CCC44D.



This preview shows how white text looks on a background with the Hex color CCC44D.

# 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**  
CCC44D

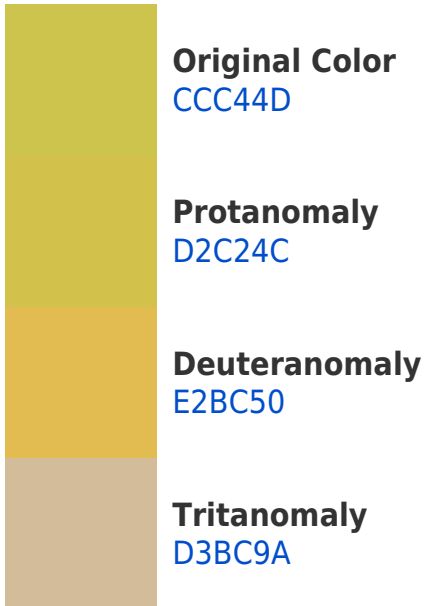
**Protanopia**  
D6C14C

**Deuteranopia**  
EFB751



**Tritanopia**  
D7B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCC44D 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 #CCC44D looks like.

```
.text, #text, p{  
    color:#CCC44D  
}
```

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 #CCC44D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCC44D }  
}
```

## Border

The CSS property to change the border of an element to Hex CCC44D 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 #CCC44D }  
}
```

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

```
.border{ border-color:#CCC44D }
```

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

Here you see how a box with a 4 pixel #CCC44D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCC44D; -webkit-box-shadow:4px 4px  
4px 4px #CCC44D; box-shadow:4px 4px 4px  
4px #CCC44D }
```

# Background

The CSS property to change the background color of an element to Hex CCC44D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCC44D }
```

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

```
.background{ background-color:#CCC44D }
```

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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