

Converting Colors

Hex(CECC2D)

Have a look what the booklet for
Hex(CECC2D) contains.

Hex(CECC2D)	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(CECC2D)

Conversions

Conversions Part 1

Format	Color
Hex	CECC2D
RGB	206, 204, 45
RGB Percent	81%, 80%, 18%
CMY	0.1922, 0.2000, 0.8235
CMYK	0.00, 0.01, 0.78, 0.19
HSL	59°, 64%, 49%
HSV	59°, 78%, 81%
XYZ	47.5201, 56.4970, 10.8831
YIQ	186.4720, 52.2310, -49.0250

Conversions

Conversions Part 2

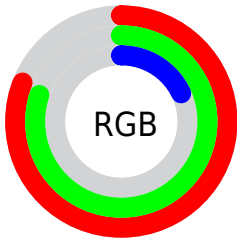
Format	Color
RYB	47, 206, 45
Decimal	13552685
CIELab	79.90, -16.50, 72.52
CIELCh	80, 74.375, 102.820
Yxy	56.4970, 0.4136, 0.4917
Android (android.graphics.Color)	4291742765 (0xFFCECC2D)
YUV	186.4720, -69.7457, 17.1261
Hunter-Lab	75.1645, -18.6875, 44.0305

Details

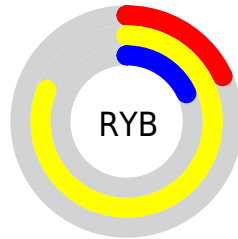
The Hex color **CECC2D** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **2D2FCE**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFFF69**, and **949600** is the 20% darker color. If you saturate the color by 10%, you get **CECC18**, and if you desaturate by 10%, it is **CECC42**.

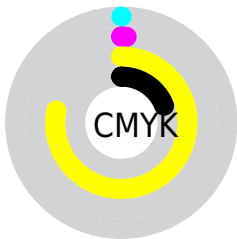
Distribution



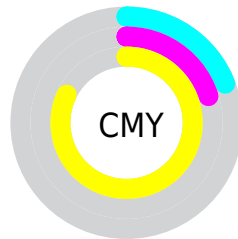
- Red (81%)
- Green (80%)
- Blue (18%)



- Red (18%)
- Yellow (81%)
- Blue (18%)



- Cyan (0%)
- Magenta (1%)
- Yellow (78%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color CECC2D 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 CECC2D by changing the saturation by 10% instead.

 CECC2D

 CECC2D

FFFFFF

 B1B100

 FFFF69

 949600

 FFFF85

 777C00

 FFFFA2

 5C6400

 FFFFBE

 404C00

 FFFFDB

 263500

 FFFFF9

 0C2000

 000000

 CECC2D

 CECC2D

 CECC18

 CECC42

 CECB04

 CECD56

 CECB00

 CECD6B

 CECD7F

 CECD94

 CECEA9

 CECEBD

 CECED2

 CECEE6

Harmonies

Analogous

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



FFB439



CECC2D



80DC59

Triad

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



CECC2D



00E4FF



FF8BF1

Complementary

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



CECC2D



2D2FCE

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.



F0A7FF



CECC2D



00D9FF

Square

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



CECC2D



00E7E3



74C4FF



FF85AB

Rectangle

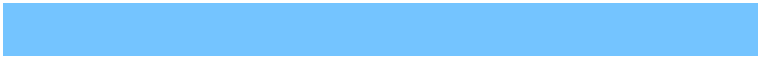
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CECC2D



18E283



74C4FF



FF93FF

Sweetspot

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



CECC2D



FFFE4



CE2D30



807F5C



000000



808080

Same Dimension

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



CECC2D



FFFC0F



80CE2D



66665C



A6A400



262600

Inverse Universe

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



2D2FCE



0F12FF



7B2DCE



5C5C66



0002A6



000026

Previews

White Background



This preview shows how the Hex color CECC2D looks on a white background.

Color Contrast Check

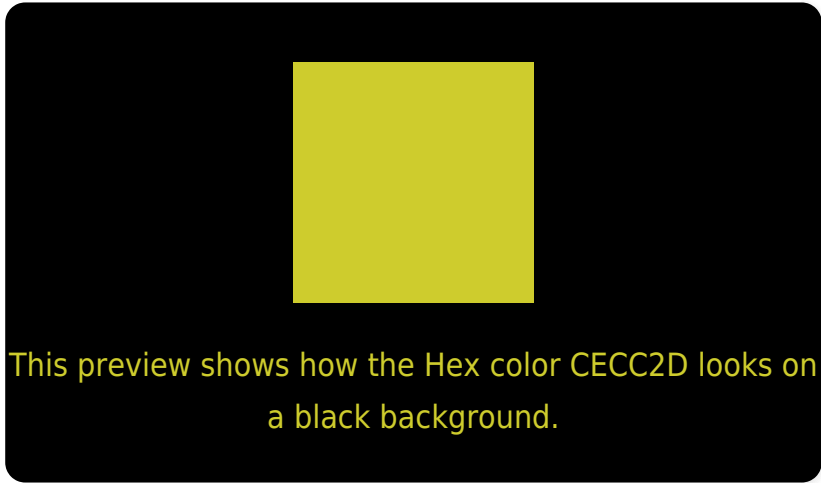
Large Text (above 18pt) WCAG AA × Fail

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 CECC2D Background



This preview shows how black text looks on a background with the Hex color CECC2D.

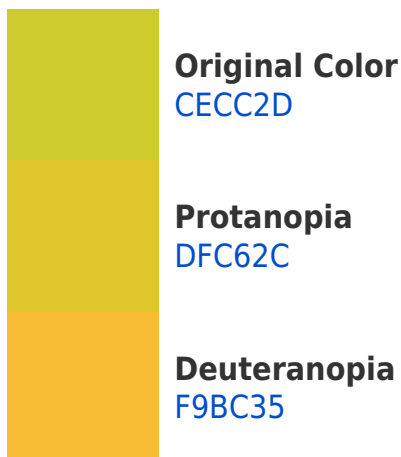


This preview shows how white text looks on a background with the Hex color CECC2D.

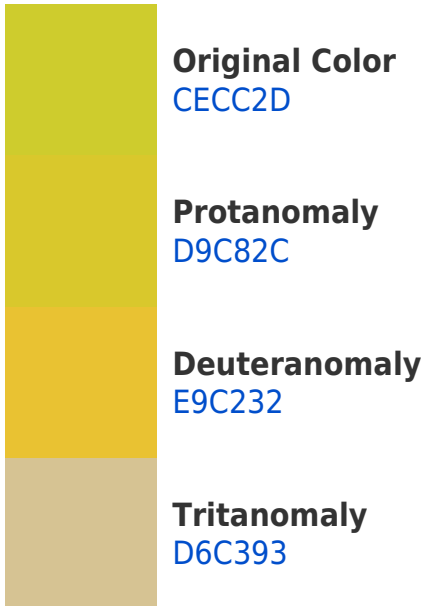
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CECC2D 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 #CECC2D looks like.

```
.text, #text, p{  
    color:#CECC2D  
}
```

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 #CECC2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CECC2D
}
```

Border

The CSS property to change the border of an element to Hex CECC2D 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
#CECC2D }
```

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

```
.border{ border-color:#CECC2D }
```

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

Here you see how a box with a 4 pixel #CECC2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CECC2D; -webkit-box-shadow:4px 4px  
4px 4px #CECC2D; box-shadow:4px 4px 4px  
4px #CECC2D }
```

Background

The CSS property to change the background color of an element to Hex CECC2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CECC2D }
```

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

```
.background{ background-color:#CECC2D }
```

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