

Converting Colors

Hex(CEC53D)

Have a look what the booklet for
Hex(CEC53D) contains.

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Color

Hex(CEC53D)

Conversions

Conversions Part 1	
Format	Color
Hex	CEC53D
RGB	206, 197, 61
RGB Percent	81%, 77%, 24%
CMY	0.1922, 0.2275, 0.7608
CMYK	0.00, 0.04, 0.70, 0.19
HSL	56°, 60%, 52%
HSV	56°, 70%, 81%
XYZ	46.2622, 53.3912, 12.2821
YIQ	184.1870, 49.0200, -40.3880

Conversions

Conversions Part 2

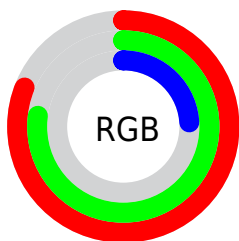
Format	Color
RYB	71, 206, 61
Decimal	13550909
CIELab	78.11, -12.32, 65.62
CIELCh	78, 66.762, 100.633
Yxy	53.3912, 0.4133, 0.4770
Android (android.graphics.Color)	4291740989 (0xFFCEC53D)
YUV	184.1870, -60.7312, 19.1300
Hunter-Lab	73.0693, -14.8581, 41.1825

Details

The Hex color **CEC53D** 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 **3D46CE**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFFD75**, and **949000** is the 20% darker color. If you saturate the color by 10%, you get **CEC428**, and if you desaturate by 10%, it is **CEC652**.

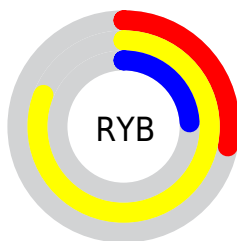
Distribution



Red (81%)

Green (77%)

Blue (24%)



Red (28%)

Yellow (81%)

Blue (24%)

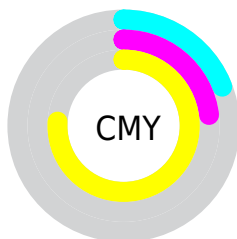


Cyan (0%)

Magenta (4%)

Yellow (70%)

Black (19%)



Cyan (19%)

Magenta (23%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEC53D 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 CEC53D by changing the saturation by 10% instead.

 CEC53D

FFFFFF

 FFFD75

 FFFF90

 FFFFAC

 FFFFC9

 FFFFE6

 CEC53D

 B1AA1D

 949000

 787600

 5D5E00

 424600

 283000

 0D1C00

 000000

 CEC53D

 CEC53D

 CEC428

 CEC652

 CEC214

 CEC866

 CEC100

 CEC97B

 CECA8F

 CECBA4

 CECDB9

 CECECD

 CECFE2

 CED1F6

Harmonies

Analogous

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



FFAF48



CEC53D



8AD45E

Triad

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



CEC53D



00DDFF



FF90EC

Complementary

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



CEC53D



3D46CE

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.



E1A7FF



CEC53D



00D3FF

Square

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



CEC53D



00E0D6



74C1FF



FF89AD

Rectangle

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



CEC53D



48DB81



74C1FF



FF97FF

Sweetspot

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



CEC53D



FFFCC9



CE3D47



807E60



000000



808080

Same Dimension

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



CEC53D



FFF229



8FCE3D



66655C



A69B00



262400

Inverse Universe

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



3D46CE



2936FF



7C3DCE



5C5C66



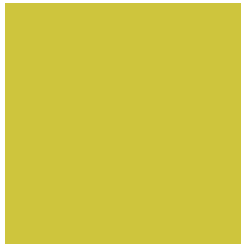
000AA6



000226

Previews

White Background



This preview shows how the Hex color CEC53D looks on a white background.

Color Contrast Check

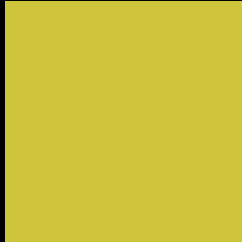
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color CEC53D looks on a 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 CEC53D Background



This preview shows how black text looks on a background with the Hex color CEC53D.



This preview shows how white text looks on a background with the Hex color CEC53D.

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
CEC53D

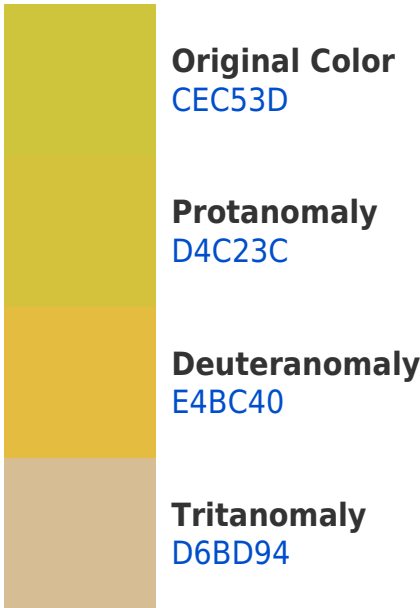
Protanopia
D8C13C

Deuteranopia
F1B742



Tritanopia
DAB8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEC53D 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 #CEC53D looks like.

```
.text, #text, p{  
    color:#CEC53D  
}
```

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 #CEC53D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC53D
}
```

Border

The CSS property to change the border of an element to Hex CEC53D 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
#CEC53D }
```

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

```
.border{ border-color:#CEC53D }
```

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

Here you see how a box with a 4 pixel #CEC53D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC53D; -webkit-box-shadow:4px 4px  
4px 4px #CEC53D; box-shadow:4px 4px 4px  
4px #CEC53D }
```

Background

The CSS property to change the background color of an element to Hex CEC53D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC53D }
```

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

```
.background{ background-color:#CEC53D }
```

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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