

Converting Colors

Hex(CED43C)

Have a look what the booklet for
Hex(CED43C) contains.

Hex(CED43C)	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(CED43C)

Conversions

Conversions Part 1

Format	Color
Hex	CEB43C
RGB	206, 212, 60
RGB Percent	81%, 83%, 24%
CMY	0.1922, 0.1686, 0.7647
CMYK	0.03, 0.00, 0.72, 0.17
HSL	62°, 64%, 53%
HSV	62°, 72%, 83%
XYZ	49.8127, 60.5350, 13.3340
YIQ	192.8780, 45.2160, -48.5440

Conversions

Conversions Part 2

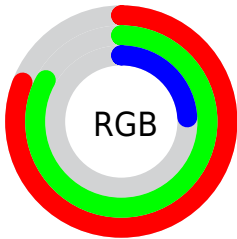
Format	Color
RYB	60, 212, 66
Decimal	13554748
CIELab	82.13, -19.84, 69.87
CIELCh	82, 72.631, 105.855
Yxy	60.5350, 0.4027, 0.4894
Android (android.graphics.Color)	4291744828 (0xFFCED43C)
YUV	192.8780, -65.5089, 11.5080
Hunter-Lab	77.8043, -21.8762, 44.3019

Details

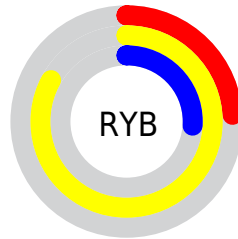
The Hex color **CED43C** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **423CD4**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFF75**, and **949E00** is the 20% darker color. If you saturate the color by 10%, you get **CDD427**, and if you desaturate by 10%, it is **CFD451**.

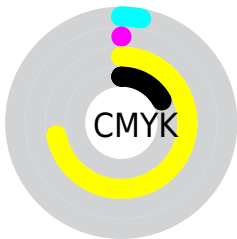
Distribution



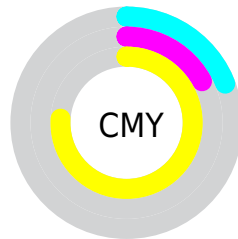
- Red (81%)
- Green (83%)
- Blue (24%)



- Red (24%)
- Yellow (83%)
- Blue (26%)



- Cyan (3%)
- Magenta (0%)
- Yellow (72%)
- Black (17%)



- Cyan (19%)
- Magenta (17%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color CED43C 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 CED43C by changing the saturation by 10% instead.

 CED43C

 CED43C

FFFFFF

 B1B819

 FFFF75

 949E00

 FFFF91

 788400

 FFFFAE

 5C6B00

 FFFF91

 415200

 FFFF75

 263B00

 0C2600

 000E00

 000000

 CED43C

 CED43C

 CDD427

 CFD451

 CCD412

 D0D466

 CCD400

 D1D47C

 D1D491

 D2D4A6

 D3D4BB

 D4D4D0

 D5D4E6

 D6D4FB

Harmonies

Analogous

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



FFBD40



CED43C



7FE368

Triad

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



CED43C



00E9FF



FF92EF

Complementary

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



CED43C



423CD4

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.



FEABFF



CED43C



00DDFF

Square

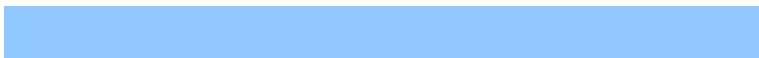
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CED43C



00EDEF



91C7FF



FF8EAB

Rectangle

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



CED43C



0CE992



91C7FF



FF99FF

Sweetspot

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



CED43C



FDFFC7



D4413C



7E805E



000000



808080

Same Dimension

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



CED43C



F6FF24



83D43C



6B6B60



A4AB00



2A2B00

Inverse Universe

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



423CD4



2C24FF



8D3CD4



61606B



0700AB



02002B

Previews

White Background



This preview shows how the Hex color CED43C looks on a white background.

Color Contrast Check

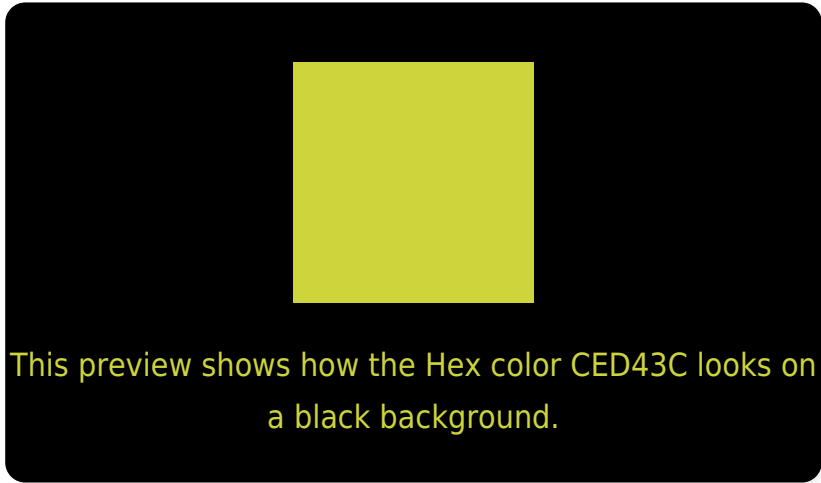
Large Text (above 18pt) WCAG AA × Fail

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 CED43C Background



This preview shows how black text looks on a background with the Hex color CED43C.



This preview shows how white text looks on a background with the Hex color CED43C.

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

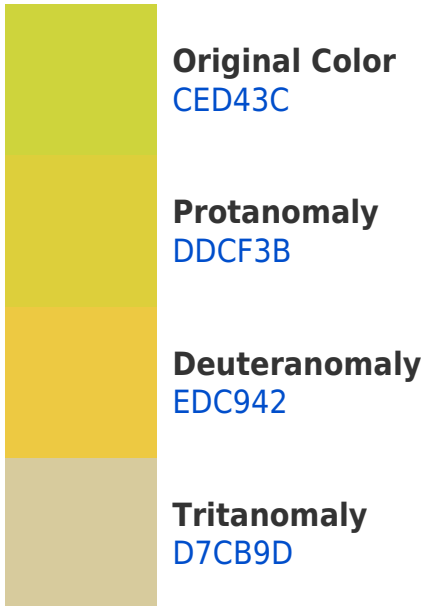


Original Color
CED43C

Protanopia
E5CC3A

Deuteranopia
FFC245

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CED43C 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 #CED43C looks like.

```
.text, #text, p{  
    color:#CED43C  
}
```

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 #CED43C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CED43C
}
```

Border

The CSS property to change the border of an element to Hex CED43C 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
#CED43C }
```

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

```
.border{ border-color:#CED43C }
```

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

Here you see how a box with a 4 pixel #CED43C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CED43C; -webkit-box-shadow:4px 4px  
4px 4px #CED43C; box-shadow:4px 4px 4px  
4px #CED43C }
```

Background

The CSS property to change the background color of an element to Hex CED43C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CED43C }
```

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

```
.background{ background-color:#CED43C }
```

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