

Converting Colors

Hex(CED30B)

Have a look what the booklet for
Hex(CED30B) contains.

Hex(CED30B)	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(CED30B)

Conversions

Conversions Part 1

Format	Color
Hex	CED30B
RGB	206, 211, 11
RGB Percent	81%, 83%, 4%
CMY	0.1922, 0.1725, 0.9569
CMYK	0.02, 0.00, 0.95, 0.17
HSL	61°, 90%, 44%
HSV	61°, 95%, 83%
XYZ	48.8083, 59.7345, 9.2741
YIQ	186.7050, 61.2200, -63.2600

Conversions

Conversions Part 2

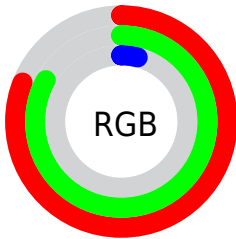
Format	Color
RYB	11, 211, 16
Decimal	13554443
CIELab	81.69, -20.70, 80.44
CIElCh	82, 83.061, 104.430
Yxy	59.7345, 0.4143, 0.5070
Android (android.graphics.Color)	4291744523 (0xFFCED30B)
YUV	186.7050, -86.6226, 16.9217
Hunter-Lab	77.2881, -22.5295, 46.9873

Details

The Hex color **CED30B** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **100BD3**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFF59**, and **939D00** is the 20% darker color. If you saturate the color by 10%, you get **CED300**, and if you desaturate by 10%, it is **CFD320**.

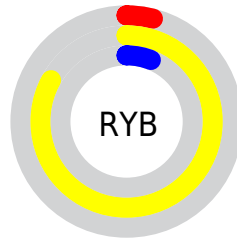
Distribution



Red (81%)

Green (83%)

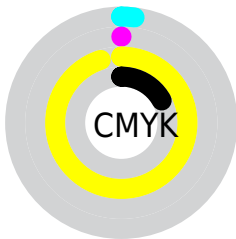
Blue (4%)



Red (4%)

Yellow (83%)

Blue (6%)

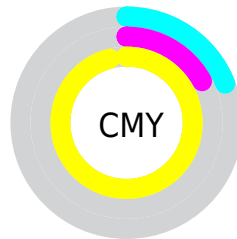


Cyan (2%)

Magenta (0%)

Yellow (95%)

Black (17%)



Cyan (19%)

Magenta (17%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color CED30B 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 CED30B by changing the saturation by 10% instead.

 CED30B

 CED30B

FFFFFF

 B0B700

 FFFF59

 939D00

 FFFF77

 768300

 FFFF94

 5A6A00

 FFFFB1

 3E5200

 FFFFCE

 243B00

 FFFFEC

 092500

 000C00

 000000

 CED30B

 CED30B

 CED300

 CFD320

 CFD335

 D0D34A

 D0D35F

 D1D374

 D1D38A

 D2D39F

 D2D3B4

 D3D3C9

Harmonies

Analogous

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



FFB820



CED30B



73E452

Triad

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



CED30B



00ECFF



FF85F7

Complementary

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



CED30B



100BD3

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.



FEA5FF



CED30B



00DFFF

Square

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



CED30B



00F0F0



6FC7FF



FF7EA9

Rectangle

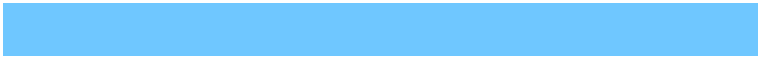
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CED30B



00EB84



6FC7FF



FF8EFF

Sweetspot

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



CED30B



FDFFB8



D30E0B



7E8054



000000



808080

Same Dimension

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



CED30B



F9FF00



6CD30B



68695E



A4A800



282900

Inverse Universe

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



100BD3



0600FF



720BD3



5E5E69



0400A8



010029

Previews

White Background



This preview shows how the Hex color CED30B looks on a white background.

Color Contrast Check

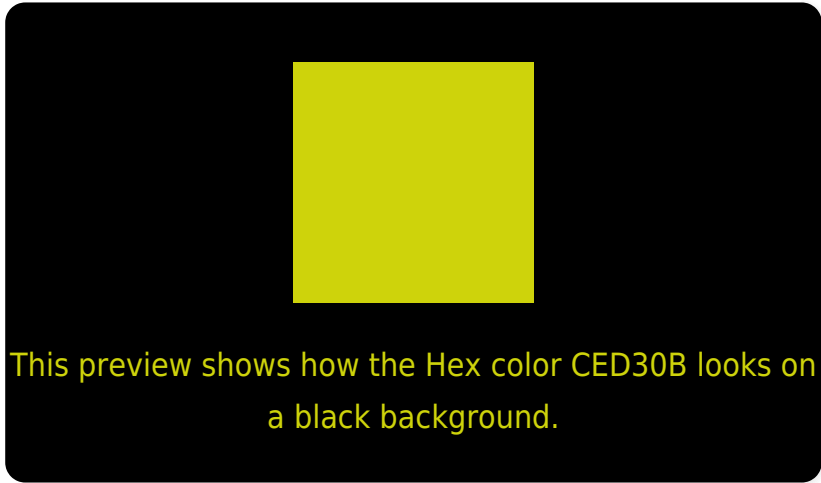
Large Text (above 18pt) WCAG AA × Fail

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 CED30B Background



This preview shows how black text looks on a background with the Hex color CED30B.



This preview shows how white text looks on a background with the Hex color CED30B.

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

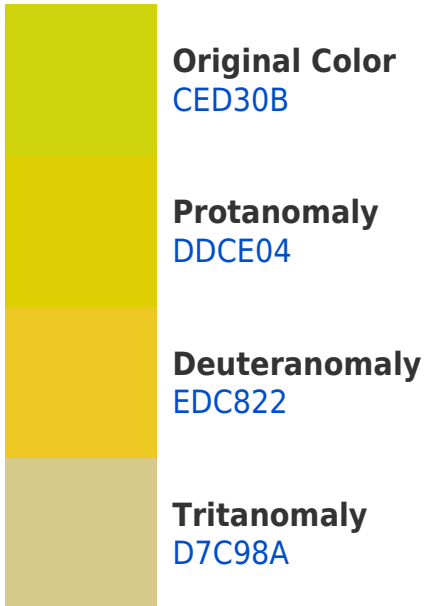


Original Color
CED30B

Protanopia
E5CB00

Deuteranopia
FFC12F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CED30B 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 #CED30B looks like.

```
.text, #text, p{  
    color:#CED30B  
}
```

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 #CED30B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CED30B
}
```

Border

The CSS property to change the border of an element to Hex CED30B 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
#CED30B }
```

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

```
.border{ border-color:#CED30B }
```

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

Here you see how a box with a 4 pixel #CED30B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CED30B; -webkit-box-shadow:4px 4px  
4px 4px #CED30B; box-shadow:4px 4px 4px  
4px #CED30B }
```

Background

The CSS property to change the background color of an element to Hex CED30B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CED30B }
```

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

```
.background{ background-color:#CED30B }
```

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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