

Converting Colors

Hex(CED66B)

Have a look what the booklet for
Hex(CED66B) contains.

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Color

Hex(CED66B)

Conversions

Conversions Part 1

Format	Color
Hex	CED66B
RGB	206, 214, 107
RGB Percent	81%, 84%, 42%
CMY	0.1922, 0.1608, 0.5804
CMYK	0.04, 0.00, 0.50, 0.16
HSL	64°, 57%, 63%
HSV	64°, 50%, 84%
XYZ	52.1540, 62.2765, 23.1817
YIQ	199.4100, 29.5790, -34.9730

Conversions

Conversions Part 2

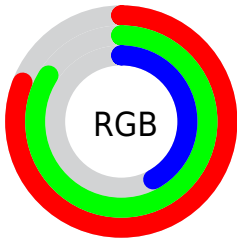
Format	Color
RYB	107, 214, 115
Decimal	13555307
CIELab	83.06, -17.64, 51.37
CIELCh	83, 54.314, 108.954
Yxy	62.2765, 0.3790, 0.4526
Android (android.graphics.Color)	4291745387 (0xFFCED66B)
YUV	199.4100, -45.5581, 5.7794
Hunter-Lab	78.9155, -20.1341, 37.8242

Details

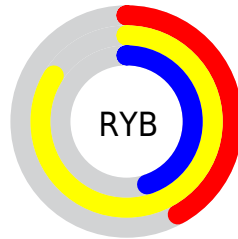
The Hex color **CED66B** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **736BD6**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFA1**, and **969F37** is the 20% darker color. If you saturate the color by 10%, you get **CCD656**, and if you desaturate by 10%, it is **D0D680**.

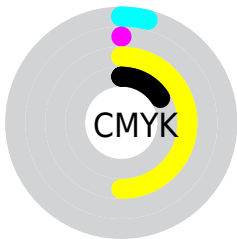
Distribution



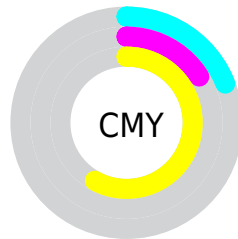
- Red (81%)
- Green (84%)
- Blue (42%)



- Red (42%)
- Yellow (84%)
- Blue (45%)



- Cyan (4%)
- Magenta (0%)
- Yellow (50%)
- Black (16%)



- Cyan (19%)
- Magenta (16%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color CED66B 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 CED66B by changing the saturation by 10% instead.

 CED66B

 CED66B

FFFFFF

 B1BA51

 FFFFA1

 969F37

 FFFFBD

 7A851B

 FFFFD9

 606C00

 FFFFF6

 465400

 2C3D00

 132700

 001300

 000000

 CED66B

 CED66B

 CCD656

 D0D680

 CBD640

 D1D696

 C9D62B

 D3D6AB

 C8D615

 D4D6C1

 C6D600

 D6D6D6

 D8D6EB

 D9D6FF

 DBD6FF

 DCD6FF

Harmonies

Analogous

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



FEC569



CED66B



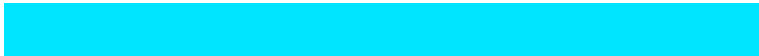
93E28A

Triad

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



CED66B



00E5FF



FFA7E4

Complementary

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



CED66B



736BD6

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.



FCB5FF



CED66B



45DAFF

Square

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



CED66B



00E9EE



B5C9FF



FFA6B0

Rectangle

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



CED66B



61E7A8



B5C9FF



FFAAF5

Sweetspot

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



CED66B



FCFFD9



D6726B



7E8069



000000



808080

Same Dimension

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



CED66B



F4FF66



99D66B



6A6B60



9EAB00



282B00

Inverse Universe

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



736BD6



7166FF



A86BD6



61606B



0D00AB



03002B

Previews

White Background



This preview shows how the Hex color CED66B 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 CED66B 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 CED66B Background



This preview shows how black text looks on a background with the Hex color CED66B.

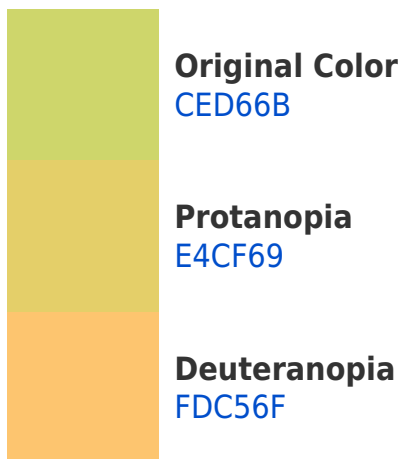


This preview shows how white text looks on a background with the Hex color CED66B.

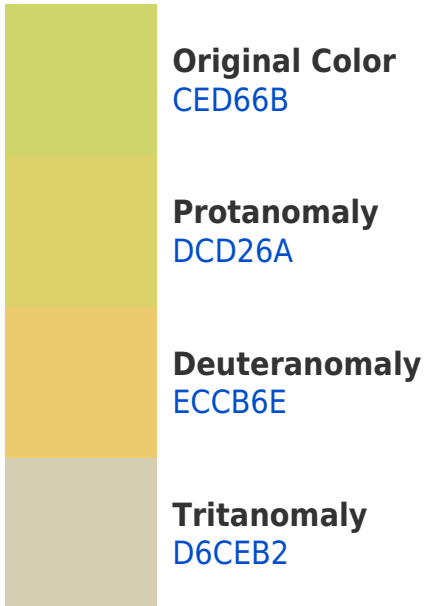
Color Blindness Simulation

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](#).

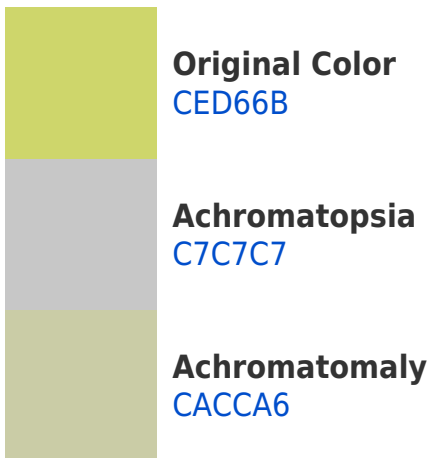
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CED66B 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 #CED66B looks like.

```
.text, #text, p{  
    color:#CED66B  
}
```

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 #CED66B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CED66B
}
```

Border

The CSS property to change the border of an element to Hex CED66B 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
#CED66B }
```

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

```
.border{ border-color:#CED66B }
```

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

Here you see how a box with a 4 pixel #CED66B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CED66B; -webkit-box-shadow:4px 4px  
4px 4px #CED66B; box-shadow:4px 4px 4px  
4px #CED66B }
```

Background

The CSS property to change the background color of an element to Hex CED66B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CED66B }
```

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

```
.background{ background-color:#CED66B }
```

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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