

# Converting Colors

Hex(C0ED96)

Have a look what the booklet for  
Hex(C0ED96) contains.

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**Color**

**Hex(C0ED96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0ED96
RGB	192, 237, 150
RGB Percent	75%, 93%, 59%
CMY	0.2471, 0.0706, 0.4118
CMYK	0.19, 0.00, 0.37, 0.07
HSL	91°, 71%, 76%
HSV	91°, 37%, 93%
XYZ	57.5274, 73.9768, 40.1011
YIQ	213.6270, 1.1070, -36.5970

# Conversions

## Conversions Part 2

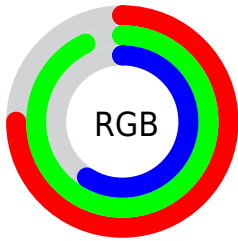
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">150, 237, 195</a>
Decimal	<a href="#">12643734</a>
CIELab	<a href="#">88.91, -29.26, 37.52</a>
CIElCh	<a href="#">89, 47.583, 127.949</a>
Yxy	<a href="#">73.9768, 0.3352, 0.4311</a>
Android (android.graphics.Color)	<a href="#">4290833814</a> ( <a href="#">0xFFC0ED96</a> )
YUV	<a href="#">213.6270, -31.3681, -18.9669</a>
Hunter-Lab	<a href="#">86.0098, -31.1279, 32.5636</a>

# Details

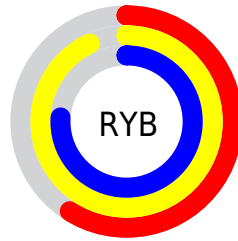
The Hex color **C0ED96** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C396ED**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **F9FFCD**, and **89B562** is the 20% darker color. If you saturate the color by 10%, you get **B4ED7E**, and if you desaturate by 10%, it is **CCEDAE**.

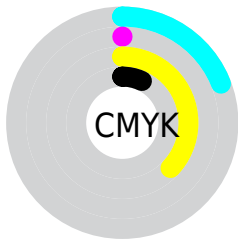
# Distribution



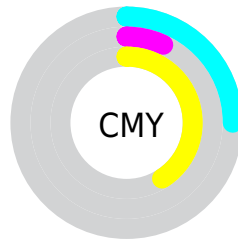
- Red (75%)
- Green (93%)
- Blue (59%)



- Red (59%)
- Yellow (93%)
- Blue (76%)



- Cyan (19%)
- Magenta (0%)
- Yellow (37%)
- Black (7%)



- Cyan (25%)
- Magenta (7%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0ED96 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 C0ED96 by changing the saturation by 10% instead.



 C0ED96

 C0ED96

FFFFFF

 A4D17C

 F9FFCD

 89B562

 FFFFE9

 6F9A49

 558031

 3B6718

 224E00

 073700

 002300

 000000

 C0ED96

 C0ED96

 B4ED7E

 CCEDAE

 A7ED67

 D9EDC5

 9BED4F

 E5EDDD

 8FED37

 F1EDF5

 83ED1F

 FDEDFE

 76ED08

 FFEDFF

 72ED00

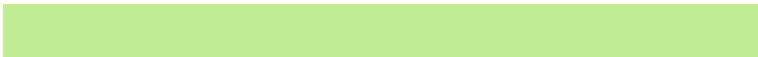
# Harmonies

## Analogous

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



F1E184



C0ED96



87F5BC

# Triad

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



C0ED96



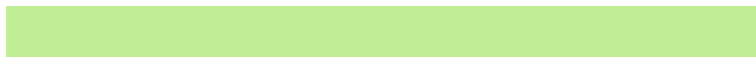
5DEDFE



FFBCD5

# Complementary

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



C0ED96



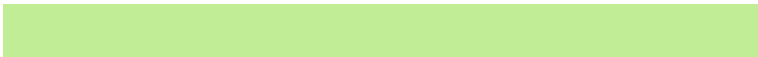
C396ED

# Split Complementary

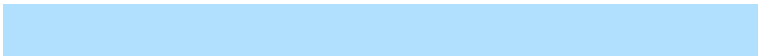
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC1FF



C0ED96



B1E0FF

# Square

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



C0ED96



00F5FF



F4CFFF



FFC2AA

# Rectangle

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



C0ED96



5BF7DA



F4CFFF



FFBCE4



# Sweetspot

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



C0ED96



F0FFE3



EDC396



77806F



000000



808080

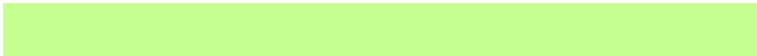


# Same Dimension

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



C0ED96



C5FF8F



96ED97



6F756A



57B500



1A3600



# Inverse Universe

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



C396ED



C98FFF



ED96EC



706A75



5E00B5



1C0036



# Previews

## White Background



This preview shows how the Hex color C0ED96 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 C0ED96 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

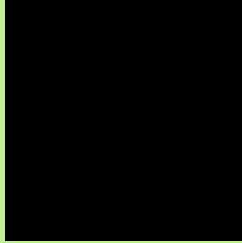
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C0ED96 Background



This preview shows how black text looks on a background with the Hex color C0ED96.

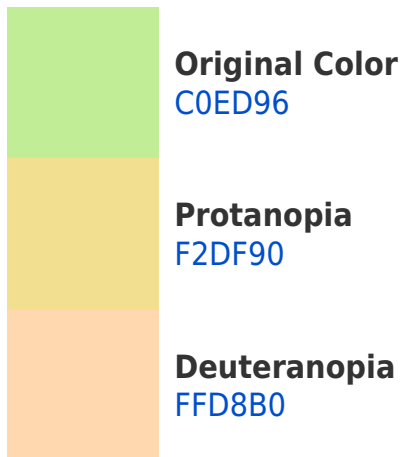


This preview shows how white text looks on a background with the Hex color C0ED96.

# Color Blindness Simulation

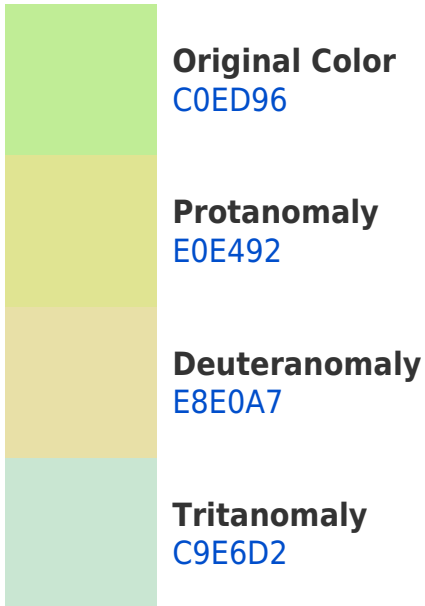
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

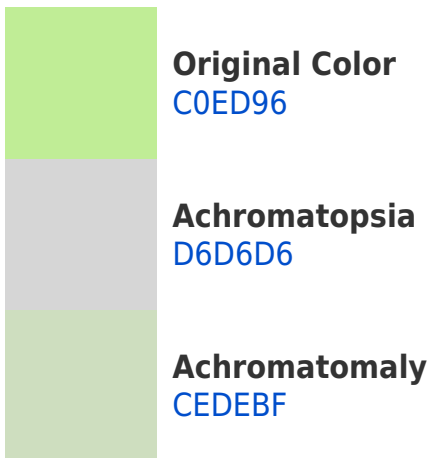




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0ED96 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 #C0ED96 looks like.

```
.text, #text, p{  
    color:#C0ED96  
}
```

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 #C0ED96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0ED96
}
```

## Border

The CSS property to change the border of an element to Hex C0ED96 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
#C0ED96 }
```

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

```
.border{ border-color:#C0ED96 }
```

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

Here you see how a box with a 4 pixel `#C0ED96` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0ED96; -webkit-box-shadow:4px 4px  
4px 4px #C0ED96; box-shadow:4px 4px 4px  
4px #C0ED96 }
```

# Background

The CSS property to change the background color of an element to Hex C0ED96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0ED96 }
```

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

```
.background{ background-color:#C0ED96 }
```

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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