

# Converting Colors

Hex(CED577)

Have a look what the booklet for  
Hex(CED577) contains.

<b>Hex(CED577)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(CED577)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">CED577</a>
RGB	<a href="#">206, 213, 119</a>
RGB Percent	<a href="#">81%, 84%, 47%</a>
CMY	<a href="#">0.1922, 0.1647, 0.5333</a>
CMYK	<a href="#">0.03, 0.00, 0.44, 0.16</a>
HSL	<a href="#">64°, 53%, 65%</a>
HSV	<a href="#">64°, 44%, 84%</a>
XYZ	<a href="#">52.5776, 62.0422, 26.6570</a>
YIQ	<a href="#">200.1910, 26.0020, -30.7180</a>

# Conversions

## Conversions Part 2

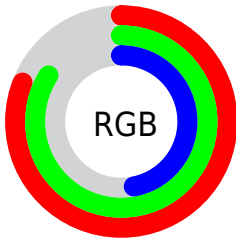
Format	Color
<a href="#">RYB</a>	<a href="#">119, 213, 126</a>
Decimal	<a href="#">13555063</a>
CIELab	<a href="#">82.94, -16.00, 45.46</a>
CIELCh	<a href="#">83, 48.196, 109.389</a>
Yxy	<a href="#">62.0422, 0.3722, 0.4392</a>
Android (android.graphics.Color)	<a href="#">4291745143 (0xFFCED577)</a>
YUV	<a href="#">200.1910, -40.0272, 5.0945</a>
Hunter-Lab	<a href="#">78.7669, -18.6917, 35.0714</a>

# Details

The Hex color **CED577** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7E77D5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFAD**, and **969E44** is the 20% darker color. If you saturate the color by 10%, you get **CCD562**, and if you desaturate by 10%, it is **D0D58C**.

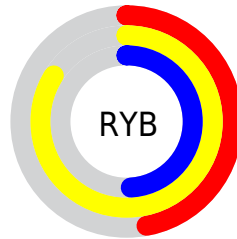
# Distribution



Red (81%)

Green (84%)

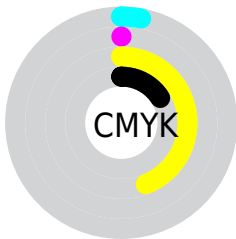
Blue (47%)



Red (47%)

Yellow (84%)

Blue (49%)

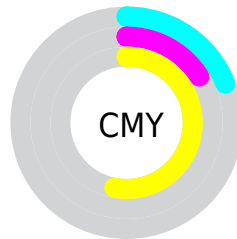


Cyan (3%)

Magenta (0%)

Yellow (44%)

Black (16%)



Cyan (19%)

Magenta (16%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CED577 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 CED577 by changing the saturation by 10% instead.



 CED577

 CED577

FFFFFF

 B2B95D

 FFFFAD

 969E44

 FFFFC9

 7B842A

 FFFF E5

 616B0E

 475300

 2F3C00

 162600

 001200

 000000

 CED577

 CED577

 CCD562

 D0D58C

 CBD54C

 D1D5A2

 C9D537

 D3D5B7

 C8D522

 D4D5CC

 C6D50D

 D6D5E2

 C5D500

 D8D5F7

 D9D5FF

 DBD5FF

 DCD5FF

# Harmonies

## Analogous

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



FAC675



CED577



9AE092

# Triad

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



CED577



00E2FF



FFACE1

# Complementary

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



CED577



7E77D5

# 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.



F7B8FF



CED577



68D8FF

# Square

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



CED577



00E6EB



BBC9FF



FFACB3

# Rectangle

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



CED577



72E4AD



BBC9FF



FFAFEF



# Sweetspot

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



CED577



FDFE



D57D77



7E806B



000000



808080



# Same Dimension

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



CED577



F5FF78



A0D577



6A6B60



9EAB00



282B00



# Inverse Universe

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



7E77D5



8278FF



AC77D5



61606B



0D00AB



03002B



# Previews

## White Background



This preview shows how the Hex color CED577 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 CED577 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

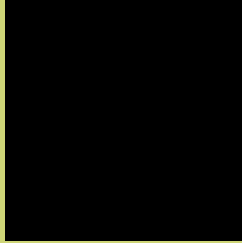
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CED577 Background



This preview shows how black text looks on a background with the Hex color CED577.

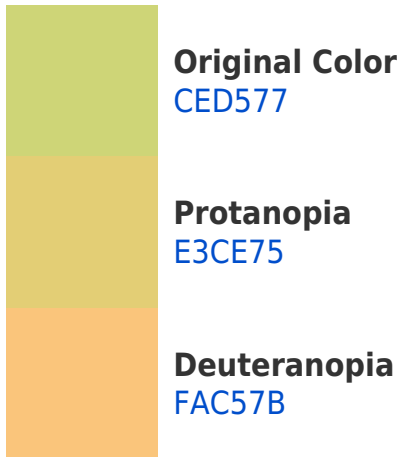


This preview shows how white text looks on a background with the Hex color CED577.

# 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](#).

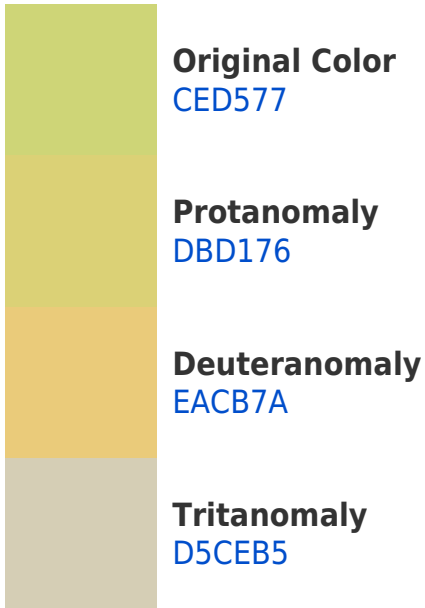
## Dichromacy



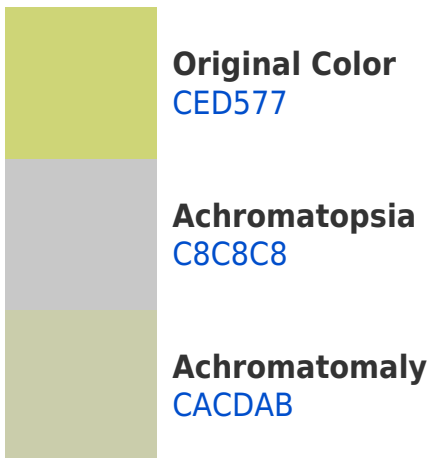


**Tritanopia**  
D9CAD9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CED577 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 #CED577 looks like.

```
.text, #text, p{  
    color:#CED577  
}
```

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 #CED577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CED577
}
```

## Border

The CSS property to change the border of an element to Hex CED577 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
#CED577 }
```

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

```
.border{ border-color:#CED577 }
```

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

Here you see how a box with a 4 pixel #CED577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CED577; -webkit-box-shadow:4px 4px  
4px 4px #CED577; box-shadow:4px 4px 4px  
4px #CED577 }
```

# Background

The CSS property to change the background color of an element to Hex CED577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CED577 }
```

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

```
.background{ background-color:#CED577 }
```

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