

# Converting Colors

Hex(CFE76E)

Have a look what the booklet for  
Hex(CFE76E) contains.

<b>Hex(CFE76E)</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(CFE76E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFE76E
RGB	207, 231, 110
RGB Percent	81%, 91%, 43%
CMY	0.1882, 0.0941, 0.5686
CMYK	0.10, 0.00, 0.52, 0.09
HSL	72°, 72%, 67%
HSV	72°, 52%, 91%
XYZ	57.1225, 71.5430, 25.5504
YIQ	210.0300, 24.5370, -42.7190

# Conversions

## Conversions Part 2

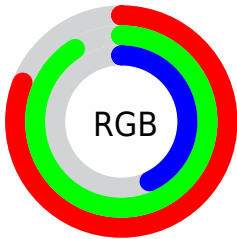
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 231, 134
Decimal	13625198
CIELab	87.75, -25.24, 55.52
CIELCh	88, 60.985, 114.450
Yxy	71.5430, 0.3704, 0.4639
Android (android.graphics.Color)	4291815278 (0xFFCFE76E)
YUV	210.0300, -49.3148, -2.6573
Hunter-Lab	84.5831, -27.4719, 41.2982

# Details

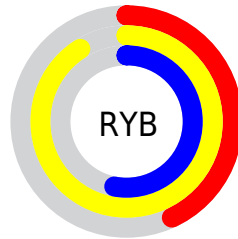
The Hex color **CFE76E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **866EE7**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFA4**, and **96AF39** is the 20% darker color. If you saturate the color by 10%, you get **CAE757**, and if you desaturate by 10%, it is **D4E785**.

# Distribution



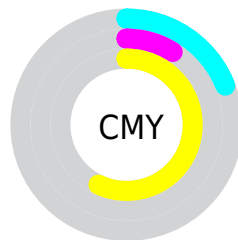
- Red (81%)
- Green (91%)
- Blue (43%)



- Red (43%)
- Yellow (91%)
- Blue (53%)



- Cyan (10%)
- Magenta (0%)
- Yellow (52%)
- Black (9%)



- Cyan (19%)
- Magenta (9%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFE76E 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 CFE76E by changing the saturation by 10% instead.



 CFE76E

 CFE76E

FFFFFF

 B2CB53

 FFFFA4

 96AF39

 FFFFC1

 7B951B

 FFFFDD

 607B00

 FFFFFA

 466200

 2C4A00

 0F3300

 002000

 000000

 CFE76E

 CFE76E

 CAE757

 D4E785

 C6E740

 D8E79C

 C1E729

 DDE7B3

 BDE712

 E1E7CA

 B9E700

 E6E7E2

 EAE7F9

 EFE7FF

 F4E7FF

 F8E7FF

# Harmonies

## Analogous

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



FFD565



CFE76E



89F396

# Triad

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



CFE76E



00F3FF



FFACE9

# Complementary

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



CFE76E



866EE7

# 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.



FFBBFF



CFE76E



52E5FF

# Square

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



CFE76E



00F9FF



CFD1FF



FFAFAF

# Rectangle

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



CFE76E



41F8BB



CFD1FF



FFAFFD



# Sweetspot

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



CFE76E



F7FFD6



E7846E



7B8067



000000



808080



# Same Dimension

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



CFE76E



DFFF5E



94E76E



707367



8FB300



293300



# Inverse Universe

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



866EE7



7E5EFF



C16EE7



6A6773



2300B3



0A0033



# Previews

## White Background



This preview shows how the Hex color CFE76E 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 CFE76E 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 CFE76E Background



This preview shows how black text looks on a background with the Hex color CFE76E.

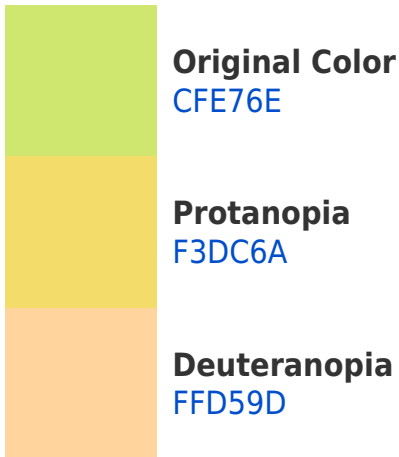


This preview shows how white text looks on a background with the Hex color CFE76E.

# 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](#).

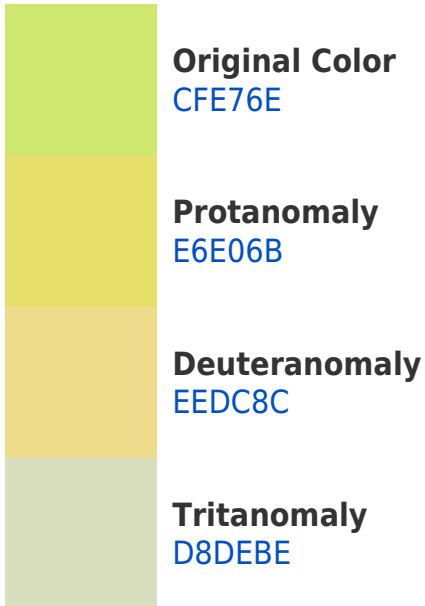
## Dichromacy



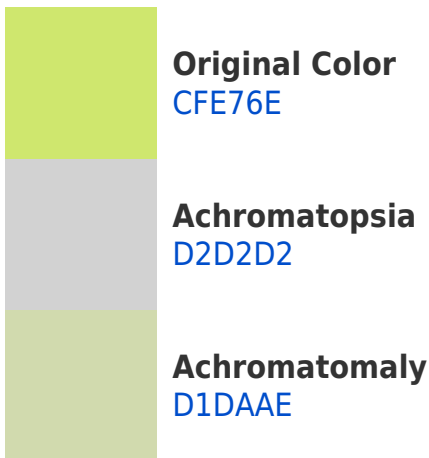


**Tritanopia**  
DDD9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFE76E 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 #CFE76E looks like.

```
.text, #text, p{  
    color:#CFE76E  
}
```

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 #CFE76E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFE76E }  
}
```

## Border

The CSS property to change the border of an element to Hex CFE76E 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 #CFE76E }  
}
```

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

```
.border{ border-color:#CFE76E }
```

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

Here you see how a box with a 4 pixel #CFE76E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFE76E; -webkit-box-shadow:4px 4px  
4px 4px #CFE76E; box-shadow:4px 4px 4px  
4px #CFE76E }
```

# Background

The CSS property to change the background color of an element to Hex CFE76E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFE76E }
```

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

```
.background{ background-color:#CFE76E }
```

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