

# Converting Colors

Hex(CEFC50)

Have a look what the booklet for  
Hex(CEFC50) contains.

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# Color

Hex(CEFC50)

# Conversions

## Conversions Part 1

Format	Color
Hex	CEFC50
RGB	206, 252, 80
RGB Percent	81%, 99%, 31%
CMY	0.1922, 0.0118, 0.6863
CMYK	0.18, 0.00, 0.68, 0.01
HSL	76°, 97%, 65%
HSV	76°, 68%, 99%
XYZ	61.7120, 83.3218, 20.4196
YIQ	218.6380, 27.7960, -63.2440

# Conversions

## Conversions Part 2

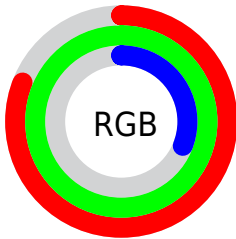
Format	Color
<a href="#">RYB</a>	<a href="#">80, 252, 126</a>
Decimal	<a href="#">13565008</a>
CIELab	<a href="#">93.16, -37.54, 73.72</a>
CIELCh	<a href="#">93, 82.726, 116.985</a>
Yxy	<a href="#">83.3218, 0.3730, 0.5036</a>
Android (android.graphics.Color)	<a href="#">4291755088 (0xFFCEFC50)</a>
YUV	<a href="#">218.6380, -68.3485, -11.0835</a>
Hunter-Lab	<a href="#">91.2808, -39.0633, 50.6333</a>

# Details

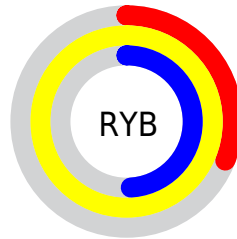
The Hex color **CEFC50** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **7E50FC**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF8A**, and **94C300** is the 20% darker color. If you saturate the color by 10%, you get **C7FC37**, and if you desaturate by 10%, it is **D5FC69**.

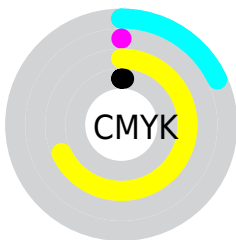
# Distribution



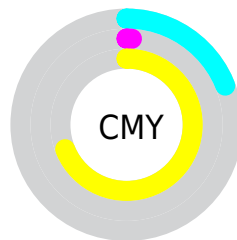
- Red (81%)
- Green (99%)
- Blue (31%)



- Red (31%)
- Yellow (99%)
- Blue (49%)



- Cyan (18%)
- Magenta (0%)
- Yellow (68%)
- Black (1%)



- Cyan (19%)
- Magenta (1%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEFC50 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 CEFC50 by changing the saturation by 10% instead.



 CEFC50

 CEFC50

FFFFFF

 B1DF30

 FFFF8A

 94C300

 FFFFA6

 77A800

 FFFFC3

 5B8D00

 FFFFE1

 3F7400

 1F5B00

 004300

 002C00

 001300

 CEFC50

 CEFC50

 C7FC37

 D5FC69

 C1FC1E

 DBFC82

 BAFC04

 E2FC9C

 B9FC00

 E9FCB5

 F0FCCE

 F6FCE7

 FDFCFF

 FFFCFF

# Harmonies

## Analogous

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



FFE53C



CEFC50



5DFF90

# Triad

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



CEFC50



00FFFF



FFA1F7

# Complementary

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



CEFC50



7E50FC

# 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.



FFB7FF



CEFC50



00F7FF

# Square

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



CEFC50



00FFFF



DEDAFF



FFA9A8

# Rectangle

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



CEFC50



00FFC5



DEDAFF



FFA6FF



# Sweetspot

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



CEFC50



F1FFCC



FC7E50



778061



000000



808080



# Same Dimension

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



CEFC50



C7FF2E



78FC50



7A7D70



8ABD00



2D3D00



# Inverse Universe

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



7E50FC



662EFF



D450FC



74707D



3200BD

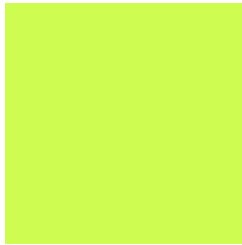


10003D



# Previews

## White Background



This preview shows how the Hex color CEFC50 looks on a white background.

## Color Contrast Check

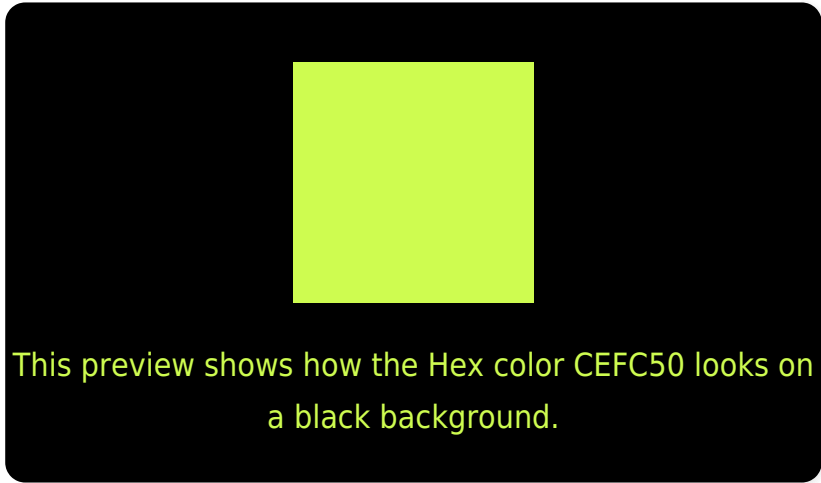
Large Text (above 18pt) WCAG AA × Fail

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 CEFC50 Background



This preview shows how black text looks on a background with the Hex color CEFC50.

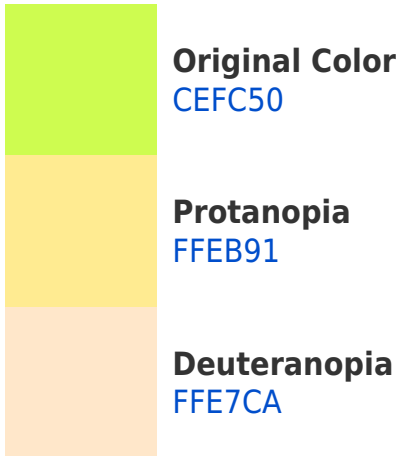


This preview shows how white text looks on a background with the Hex color CEFC50.

# Color Blindness Simulation

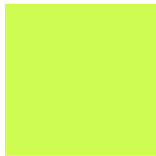
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

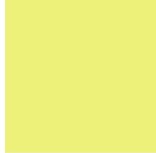




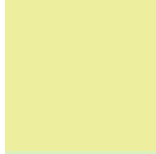
# Trichromacy



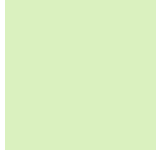
**Original Color**  
CEFC50



**Protanomaly**  
EDF179

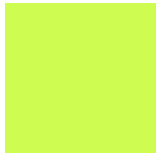


**Deuteranomaly**  
EDEF9E

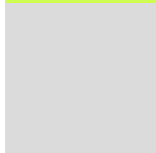


**Tritanomaly**  
DAF1BF

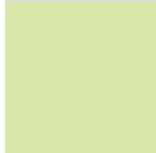
# Monochromacy



**Original Color**  
CEFC50



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
D6E7A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEFC50 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 #CEFC50 looks like.

```
.text, #text, p{  
    color:#CEFC50  
}
```

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 #CEFC50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEFC50
}
```

## Border

The CSS property to change the border of an element to Hex CEFC50 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
#CEFC50 }
```

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

```
.border{ border-color:#CEFC50 }
```

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

Here you see how a box with a 4 pixel #CEFC50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEFC50; -webkit-box-shadow:4px 4px  
4px 4px #CEFC50; box-shadow:4px 4px 4px  
4px #CEFC50 }
```

# Background

The CSS property to change the background color of an element to Hex CEFC50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEFC50 }
```

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

```
.background{ background-color:#CEFC50 }
```

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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