

# Converting Colors

Hex(CEFB39)

Have a look what the booklet for  
Hex(CEFB39) contains.

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**Color**

**Hex(CEFB39)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEFB39
RGB	206, 251, 57
RGB Percent	81%, 98%, 22%
CMY	0.1922, 0.0157, 0.7765
CMYK	0.18, 0.00, 0.77, 0.02
HSL	74°, 96%, 60%
HSV	74°, 77%, 98%
XYZ	60.6893, 82.4116, 16.5793
YIQ	215.4290, 35.4540, -69.8740

# Conversions

## Conversions Part 2

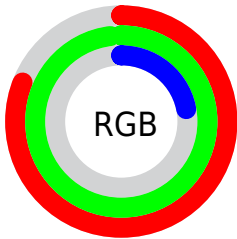
Format	Color
<a href="#">RYB</a>	<a href="#">57, 251, 102</a>
Decimal	<a href="#">13564729</a>
CIELab	<a href="#">92.76, -38.22, 80.71</a>
CIELCh	<a href="#">93, 89.305, 115.341</a>
Yxy	<a href="#">82.4116, 0.3801, 0.5161</a>
Android (android.graphics.Color)	<a href="#">4291754809</a> ( <a href="#">0xFFCEFB39</a> )
YUV	<a href="#">215.4290, -78.1055, -8.2692</a>
Hunter-Lab	<a href="#">90.7808, -39.5346, 52.7185</a>

# Details

The Hex color **CEFB39** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **6639FB**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF77**, and **93C200** is the 20% darker color. If you saturate the color by 10%, you get **C8FB20**, and if you desaturate by 10%, it is **D4FB52**.

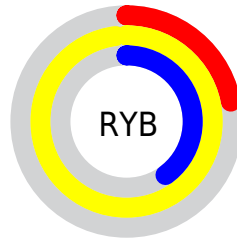
# Distribution



Red (81%)

Green (98%)

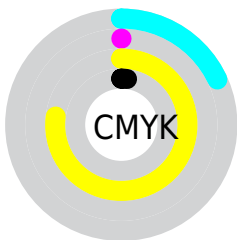
Blue (22%)



Red (22%)

Yellow (98%)

Blue (40%)

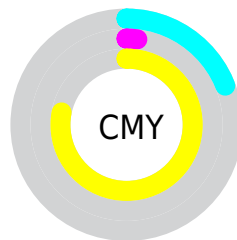


Cyan (18%)

Magenta (0%)

Yellow (77%)

Black (2%)



Cyan (19%)

Magenta (2%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEFB39 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 CEFB39 by changing the saturation by 10% instead.



 CEFB39

 CEFB39

FFFFFF

 B0DE07

 FFFF77

 93C200

 FFFF94

 76A700

 FFFFB2

 598C00

 FFFFCE

 3C7300

 FFFFED

 1B5A00

 004200

 002B00

 001100

 CEFB39

 CEFB39

 C8FB20

 D4FB52

 C2FB07

 DAFB6B

 C1FB00

 DFFB84

 E5FB9D

 EBFBB7

 F1FBD0

 F7FBE9

 FDFBFF

 FFFBFF

# Harmonies

## Analogous

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



FFE121



CEFB39



51FF83

# Triad

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



CEFB39



00FFFF



FF97FB

# Complementary

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



CEFB39



6639FB

# 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.



FFB2FF



CEFB39



00F8FF

# Square

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



CEFB39



00FFFF



D1D9FF



FF9EA6

# Rectangle

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



CEFB39



00FFBC



D1D9FF



FF9DFF

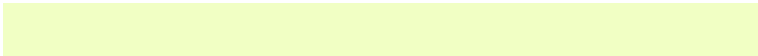


# Sweetspot

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



CEFB39



F1FFC4



FB6339



77805C



000000



808080



# Same Dimension

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



CEFB39



C8FF12



70FB39



7A7D70



91BD00



2F3D00



# Inverse Universe

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



6639FB



4912FF



C439FB



73707D



2C00BD

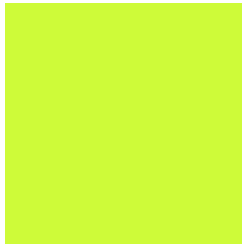


0E003D



# Previews

## White Background



This preview shows how the Hex color `CEFB39` looks on a white background.

## Color Contrast Check

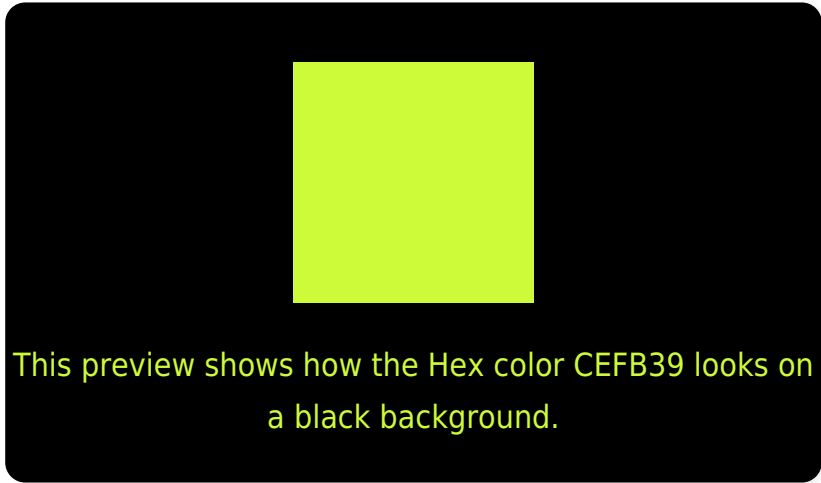
Large Text (above 18pt) WCAG AA × Fail

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 CEFB39 Background



This preview shows how black text looks on a background with the Hex color CEFB39.

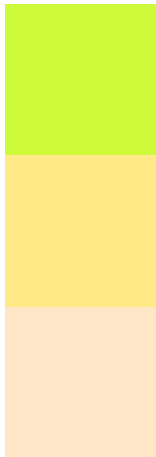


This preview shows how white text looks on a background with the Hex color CEFB39.

# 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



**Original Color**  
CEFB39

**Protanopia**  
FFEA87

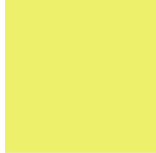
**Deuteranopia**  
FFE6C6



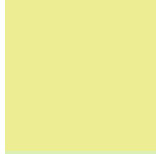
# Trichromacy



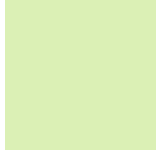
**Original Color**  
CEFB39



**Protanomaly**  
EDF06B

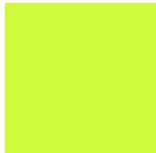


**Deuteranomaly**  
EDEE93

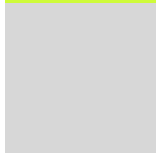


**Tritanomaly**  
DBF0B5

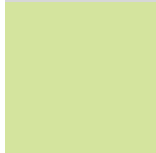
# Monochromacy



**Original Color**  
CEFB39



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
D4E49E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEFB39 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 #CEFB39 looks like.

```
.text, #text, p{  
    color:#CEFB39  
}
```

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 #CEFB39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEFB39
}
```

## Border

The CSS property to change the border of an element to Hex CEFB39 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
#CEFB39 }
```

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

```
.border{ border-color:#CEFB39 }
```

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

Here you see how a box with a 4 pixel #CEFB39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEFB39; -webkit-box-shadow:4px 4px  
4px 4px #CEFB39; box-shadow:4px 4px 4px  
4px #CEFB39 }
```

# Background

The CSS property to change the background color of an element to Hex CEFB39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEFB39 }
```

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

```
.background{ background-color:#CEFB39 }
```

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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