

# Converting Colors

Hex(CCEB2F)

Have a look what the booklet for  
Hex(CCEB2F) contains.

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# Color

Hex(CCEB2F)

# Conversions

## Conversions Part 1

Format	Color
Hex	CCEB2F
RGB	204, 235, 47
RGB Percent	80%, 92%, 18%
CMY	0.2000, 0.0784, 0.8157
CMYK	0.13, 0.00, 0.80, 0.08
HSL	70°, 82%, 55%
HSV	70°, 80%, 92%
XYZ	55.1233, 72.4593, 13.7701
YIQ	204.2990, 41.8720, -65.0400

# Conversions

## Conversions Part 2

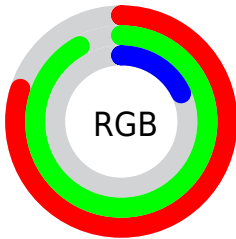
Format	Color
<a href="#">RYB</a>	<a href="#">47, 235, 78</a>
Decimal	<a href="#">13429551</a>
CIELab	<a href="#">88.19, -32.12, 79.25</a>
CIElCh	<a href="#">88, 85.510, 112.066</a>
Yxy	<a href="#">72.4593, 0.3900, 0.5126</a>
Android (android.graphics.Color)	<a href="#">4291619631 (0xFFCCEB2F)</a>
YUV	<a href="#">204.2990, -77.5484, -0.2622</a>
Hunter-Lab	<a href="#">85.1230, -33.3737, 49.9950</a>

# Details

The Hex color **CCEB2F** 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 **4E2FEB**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF6E**, and **91B300** is the 20% darker color. If you saturate the color by 10%, you get **C8EB17**, and if you desaturate by 10%, it is **D0EB47**.

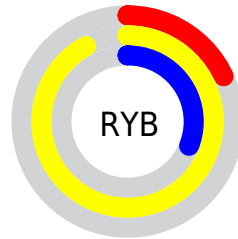
# Distribution



Red (80%)

Green (92%)

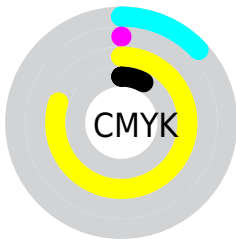
Blue (18%)



Red (18%)

Yellow (92%)

Blue (31%)

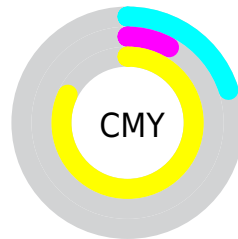


Cyan (13%)

Magenta (0%)

Yellow (80%)

Black (8%)



Cyan (20%)

Magenta (8%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCEB2F 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 CCEB2F by changing the saturation by 10% instead.



 CCEB2F

 CCEB2F

FFFFFF

 AECF00

 FFFF6E

 91B300

 FFFF8B

 759800

 FFFFA8

 587E00

 FFFFC6

 3C6500

 FFFFE3

 1E4D00

 003600

 002200

 000000

 CCEB2F

 CCEB2F

 C8EB17

 D0EB47

 C4EB00

 D4EB5E

 D8EB76

 DCEB8D

 DFEBA4

 E3EBBC

 E7EBD3

 EBEBEB

 EFEBFF

# Harmonies

## Analogous

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



FFD223



CCEB2F



60FB73

# Triad

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



CCEB2F



00DFF



FF90F7

# Complementary

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



CCEB2F



4E2FEB

# 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.



FFACFF



CCEB2F



00EDFF

# Square

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



CCEB2F



00FFFF



B4D1FF



FF93A5

# Rectangle

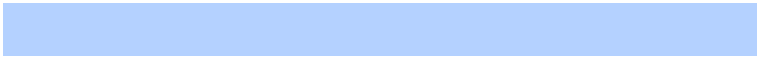
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CCEB2F



00FFA8



B4D1FF



FF97FF



# Sweetspot

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



CCEB2F



F5FFC2



EB4B2F



79805B



000000



808080



# Same Dimension

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



CCEB2F



D7FF0A



71EB2F



73756A



97B500



2D3600



# Inverse Universe

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



4E2FEB



330AFF



A92FEB



6C6A75



1E00B5



090036



# Previews

## White Background



This preview shows how the Hex color CCEB2F looks on a white background.

## Color Contrast Check

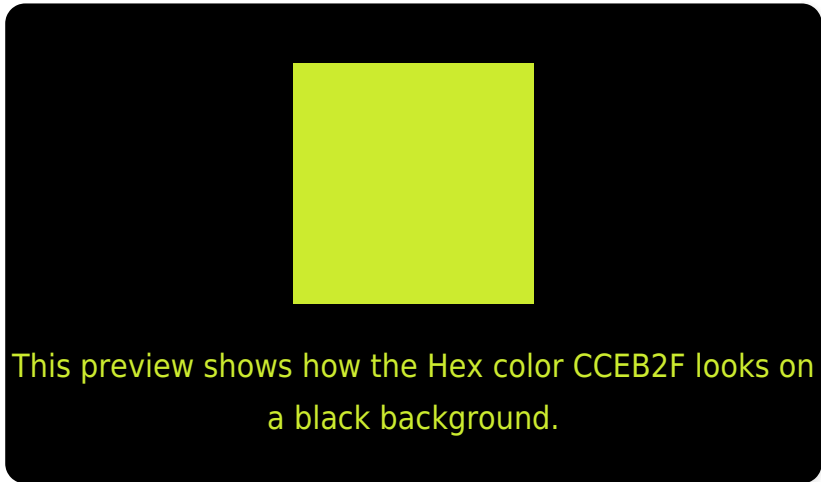
Large Text (above 18pt) WCAG AA × Fail

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 CCEB2F Background



This preview shows how black text looks on a background with the Hex color CCEB2F.

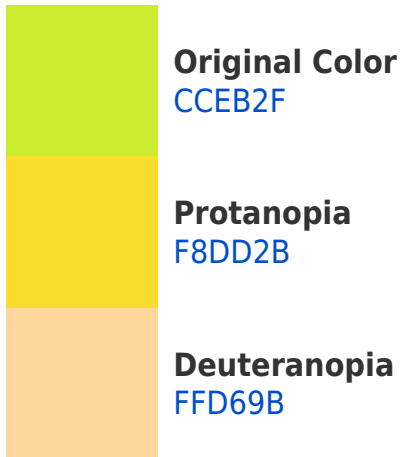


This preview shows how white text looks on a background with the Hex color CCEB2F.

# Color Blindness Simulation

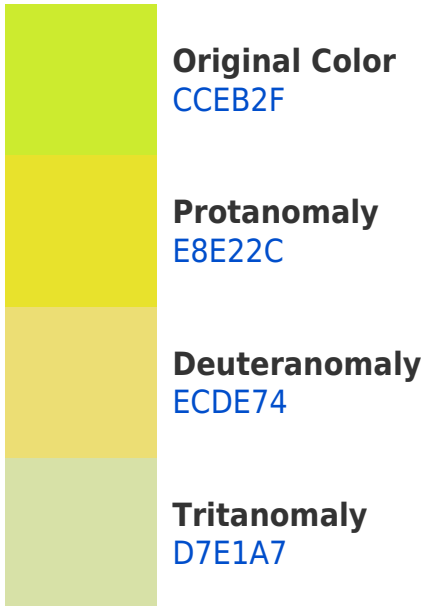
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

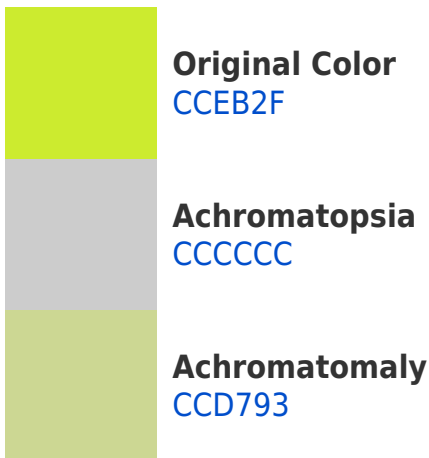




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCEB2F 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 #CCEB2F looks like.

```
.text, #text, p{  
    color:#CCEB2F  
}
```

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 #CCEB2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCEB2F
}
```

## Border

The CSS property to change the border of an element to Hex CCEB2F 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
#CCEB2F }
```

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

```
.border{ border-color:#CCEB2F }
```

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

Here you see how a box with a 4 pixel #CCEB2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCEB2F; -webkit-box-shadow:4px 4px  
4px 4px #CCEB2F; box-shadow:4px 4px 4px  
4px #CCEB2F }
```

# Background

The CSS property to change the background color of an element to Hex CCEB2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCEB2F }
```

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

```
.background{ background-color:#CCEB2F }
```

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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