

Converting Colors

Hex(CEFF61)

Have a look what the booklet for
Hex(CEFF61) contains.

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Color

Hex(CEFF61)

Conversions

Conversions Part 1

Format	Color
Hex	CEFF61
RGB	206, 255, 97
RGB Percent	81%, 100%, 38%
CMY	0.1922, 0.0000, 0.6196
CMYK	0.19, 0.00, 0.62, 0.00
HSL	79°, 100%, 69%
HSV	79°, 62%, 100%
XYZ	63.3713, 85.5049, 24.4733
YIQ	222.3370, 21.5140, -59.5260

Conversions

Conversions Part 2

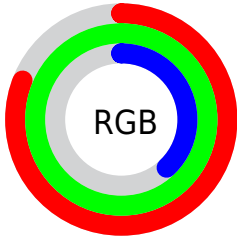
Format	Color
RYB	97, 255, 146
Decimal	13565793
CIELab	94.10, -37.76, 68.23
CIELCh	94, 77.980, 118.966
Yxy	85.5049, 0.3656, 0.4933
Android (android.graphics.Color)	4291755873 (0xFFCEFF61)
YUV	222.3370, -61.7911, -14.3275
Hunter-Lab	92.4688, -39.4899, 49.0362

Details

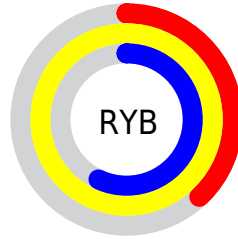
The Hex color **CEFF61** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9261FF**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFF99**, and **94C624** is the 20% darker color. If you saturate the color by 10%, you get **C6FF47**, and if you desaturate by 10%, it is **D6FF7A**.

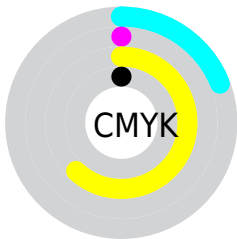
Distribution



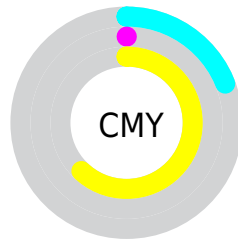
- Red (81%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (57%)



- Cyan (19%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEFF61 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 CEFF61 by changing the saturation by 10% instead.

 CEFF61

 CEFF61

FFFFFF

 B1E244

 FFFF99

 94C624

 FFFF66


 78AB00

 FFFFD3

 5C9000

 FFFFF0

 407600

 215D00

 004500

 002E00

 001700

 C6FF47

 CEFF61

 C6FF47

 D6FF7A

 BEFF2E

 DEFF94

 B6FF14

 E6FFAE

 B0FF00

 EEFFC7

 F6FFE1

 FDFFFA

FFFFFF

Harmonies

Analogous

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



FFE94C



CEFF61



65FF9D

Triad

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



CEFF61



00FFFF



FFAAF4

Complementary

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



CEFF61



9261FF

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.



FFBCFF



CEFF61



00F7FF

Square

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



CEFF61



00FFFF



EBDBFF



FFB2A9

Rectangle

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



CEFF61



00FFCF



EBDBFF



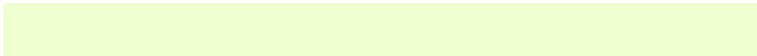
FFADFF

Sweetspot

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



CEFF61



F0FFCF



FF9061



768062



000000



808080

Same Dimension

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



CEFF61



C4FF42



81FF61



7C8073



84BF00



2C4000

Inverse Universe

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



9261FF



7D42FF



DF61FF



777380



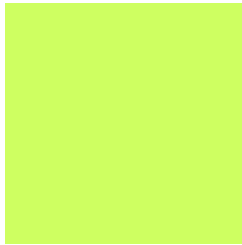
3B00BF



140040

Previews

White Background



This preview shows how the Hex color CEFF61 looks on a white background.

Color Contrast Check

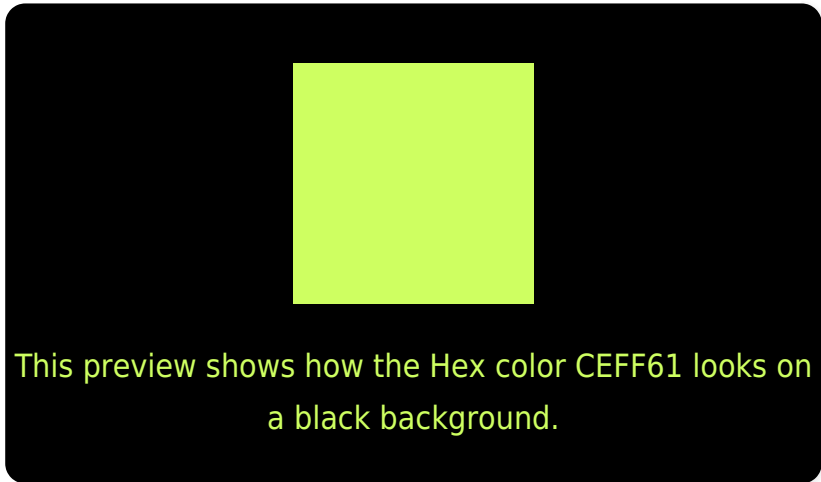
Large Text (above 18pt) WCAG AA × Fail

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 CEFF61 Background



This preview shows how black text looks on a background with the Hex color CEFF61.

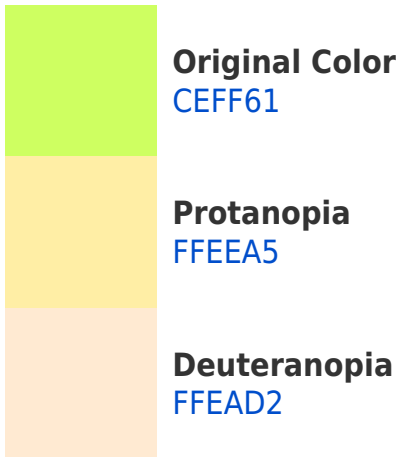


This preview shows how white text looks on a background with the Hex color CEFF61.

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](#).

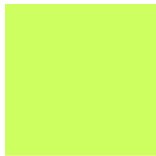
Dichromacy



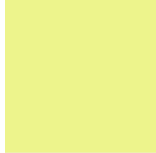


Tritanopia
E3EFFF

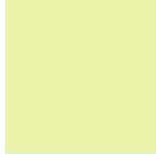
Trichromacy



Original Color
CEFF61



Protanomaly
EDF48C



Deuteranomaly
EDF2A9

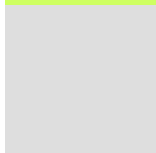


Tritanomaly
DBF5C6

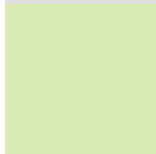
Monochromacy



Original Color
CEFF61



Achromatopsia
DEDEDE



Achromatomaly
D8EAB1

CSS Examples

Text

The CSS property to change the color of the text to Hex CEEF61 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 #CEE661 looks like.

```
.text, #text, p{  
    color:#CEE661  
}
```

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 #CEFF61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEFF61
}
```

Border

The CSS property to change the border of an element to Hex CEFF61 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
#CEFF61 }
```

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

```
.border{ border-color:#CEFF61 }
```

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

Here you see how a box with a 4 pixel #CEFF61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEFF61; -webkit-box-shadow:4px 4px  
4px 4px #CEFF61; box-shadow:4px 4px 4px  
4px #CEFF61 }
```

Background

The CSS property to change the background color of an element to Hex CEEF61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEE661 }
```

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

```
.background{ background-color:#CEE661 }
```

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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