

Converting Colors

Hex(CEFF19)

Have a look what the booklet for
Hex(CEFF19) contains.

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Color

Hex(CEFF19)

Conversions

Conversions Part 1

Format	Color
Hex	CEFF19
RGB	206, 255, 25
RGB Percent	81%, 100%, 10%
CMY	0.1922, 0.0000, 0.9020
CMYK	0.19, 0.00, 0.90, 0.00
HSL	73°, 100%, 55%
HSV	73°, 90%, 100%
XYZ	61.3891, 84.7120, 14.0352
YIQ	214.1290, 44.6260, -81.9180

Conversions

Conversions Part 2

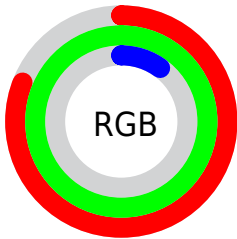
Format	Color
R_{YB}	25, 255, 74
Decimal	13565721
CIE _{Lab}	93.76, -40.90, 88.21
CIE _{LCh}	94, 97.229, 114.873
Yxy	84.7120, 0.3834, 0.5290
Android (android.graphics.Color)	4291755801 (0xFFCEFF19)
YUV	214.1290, -93.2406, -7.1291
Hunter-Lab	92.0391, -42.0110, 55.3861

Details

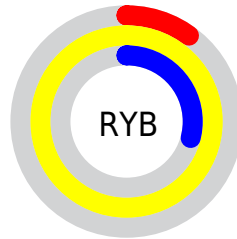
The Hex color **CEFF19** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed yellow. A complement of this color would be **4A19FF**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFF65**, and **92C600** is the 20% darker color. If you saturate the color by 10%, you get **C9FF00**, and if you desaturate by 10%, it is **D3FF32**.

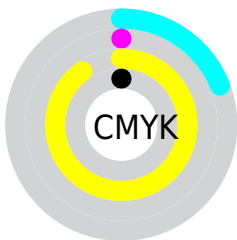
Distribution



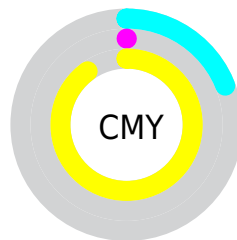
- Red (81%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (29%)



- Cyan (19%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEFF19 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 CEFF19 by changing the saturation by 10% instead.

 CEFF19

 CEFF19

FFFFFF

 B0E200

 FFFF65

 92C600

 FFFF84

 75AB00


 FFFFA2

 579000

 FFFF00

 397600

 FFFFDE

 155D00

 FFFF00

 004500

 002E00

 001600

 C EFF19

 C EFF19

 C9 FF00

 D3 FF32

 D9 FF4C

 DE FF65

 E4 FF7F

 E9 FF98

 EF FF B2

 F4 FF CB

 F9 FF E5

FF FF FE

Harmonies

Analogous

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



FFE300



CEFF19



38FF7A

Triad

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



CEFF19



00FFFF



FF8EFF

Complementary

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



CEFF19



4A19FF

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.



FFAFFF



CEFF19



00DFFF

Square

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



CEFF19



00FFFF



CBDBFF



FF96A4

Rectangle

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



CEFF19



00FFB9



CBDBFF



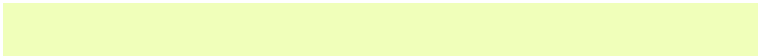
FF95FF

Sweetspot

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



CEFF19



F0FFBA



FF4719



778057



000000



808080

Same Dimension

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



CEFF19



C9FF00



5EFF19



7D8073



97BF00



324000

Inverse Universe

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



4A19FF



3600FF



BA19FF



757380



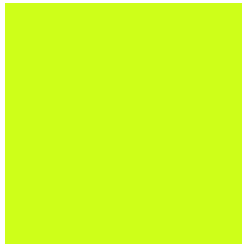
2900BF



0E0040

Previews

White Background



This preview shows how the Hex color CEFF19 looks on a white background.

Color Contrast Check

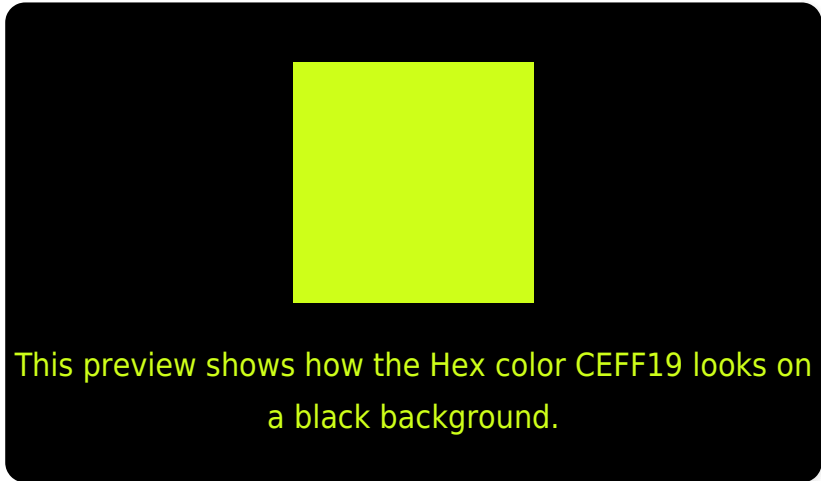
Large Text (above 18pt) WCAG AA × Fail

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 CEFF19 Background



This preview shows how black text looks on a background with the Hex color CEFF19.

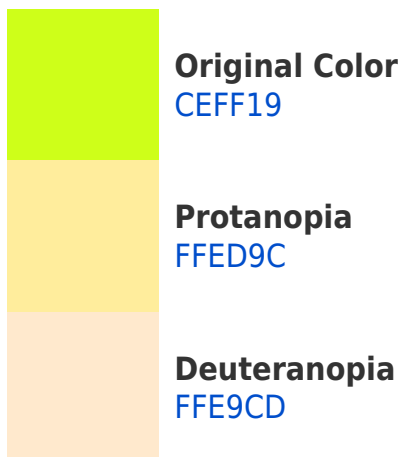


This preview shows how white text looks on a background with the Hex color CEFF19.

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](#).

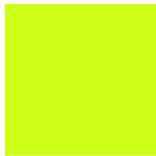
Dichromacy



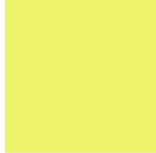


Tritanopia
E3EDFF

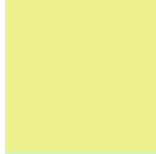
Trichromacy



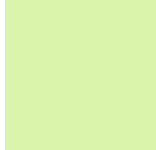
Original Color
CEFF19



Protanomaly
EDF46C

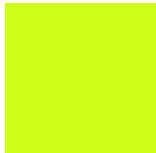


Deuteranomaly
EDF18C

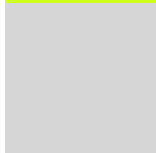


Tritanomaly
DBF4AB

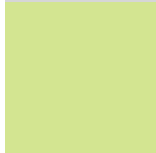
Monochromacy



Original Color
CEFF19



Achromatopsia
D6D6D6



Achromatomaly
D3E591

CSS Examples

Text

The CSS property to change the color of the text to Hex CEFF19 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 #CEFF19 looks like.

```
.text, #text, p{  
    color:#CEFF19  
}
```

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 #CEFF19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEFF19
}
```

Border

The CSS property to change the border of an element to Hex CEFF19 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
#CEFF19 }
```

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

```
.border{ border-color:#CEFF19 }
```

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

Here you see how a box with a 4 pixel #CEFF19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEFF19; -webkit-box-shadow:4px 4px  
4px 4px #CEFF19; box-shadow:4px 4px 4px  
4px #CEFF19 }
```

Background

The CSS property to change the background color of an element to Hex CEEF19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEEF19 }
```

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

```
.background{ background-color:#CEEF19 }
```

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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