

Converting Colors

Hex(CEE30F)

Have a look what the booklet for
Hex(CEE30F) contains.

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Color

Hex(CEE30F)

Conversions

Conversions Part 1

Format	Color
Hex	CEE30F
RGB	206, 227, 15
RGB Percent	81%, 89%, 6%
CMY	0.1922, 0.1098, 0.9412
CMYK	0.09, 0.00, 0.93, 0.11
HSL	66°, 88%, 47%
HSV	66°, 93%, 89%
XYZ	53.0089, 68.0945, 10.8016
YIQ	196.5530, 55.5360, -70.3840

Conversions

Conversions Part 2

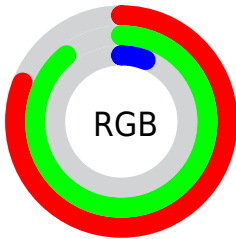
Format	Color
RYB	15, 227, 36
Decimal	13558543
CIELab	86.05, -28.32, 83.37
CIELCh	86, 88.049, 108.762
Yxy	68.0945, 0.4019, 0.5162
Android (android.graphics.Color)	4291748623 (0xFFCEE30F)
YUV	196.5530, -89.5056, 8.2850
Hunter-Lab	82.5194, -29.7438, 50.0026

Details

The Hex color **CEE30F** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **240FE3**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF5D**, and **93AC00** is the 20% darker color. If you saturate the color by 10%, you get **CDE300**, and if you desaturate by 10%, it is **D0E326**.

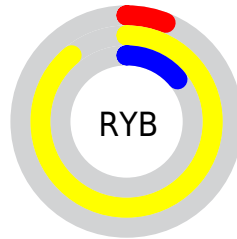
Distribution



Red (81%)

Green (89%)

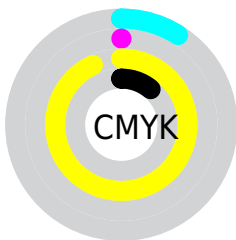
Blue (6%)



Red (6%)

Yellow (89%)

Blue (14%)

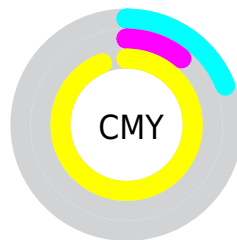


Cyan (9%)

Magenta (0%)

Yellow (93%)

Black (11%)



Cyan (19%)

Magenta (11%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEE30F 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 CEE30F by changing the saturation by 10% instead.

 CEE30F

 CEE30F

FFFFFF

 B0C700

 FFFF5D

 93AC00

 FFFF7B

 769100

 FFFF98

 5A7800


 FFFFB6

 3D5F00

 FFFFD4

 214700

 FFFFF1

 013000

 001D00

 000000

 CEE30F

 CEE30F

 CDE300

 D0E326

 D2E33C

 D5E353

 D7E36A

 D9E381

 DBE397

 DEE3AE

 E0E3C5

 E2E3DB

Harmonies

Analogous

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



FFC810



CEE30F



64F461

Triad

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



CEE30F



00F9FF



FF88FA

Complementary

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



CEE30F



240FE3

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.



FFA9FF



CEE30F



00EAFF

Square

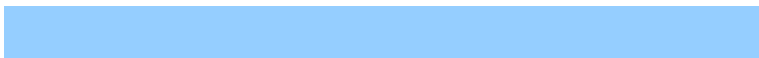
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CEE30F



00FEFF



95CEFF



FF86A7

Rectangle

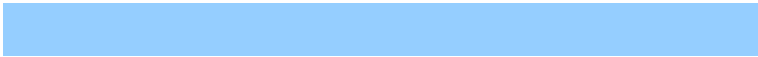
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CEE30F



00FA97



95CEFF



FF90FF

Sweetspot

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



CEE30F



F8FFB8



E3210F



7B8054



000000



808080

Same Dimension

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



CEE30F



E6FF00



67E30F



727367



A1B300



2E3300

Inverse Universe

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



240FE3



1900FF



8B0FE3



686773



1200B3



050033

Previews

White Background



This preview shows how the Hex color CEE30F looks on a white background.

Color Contrast Check

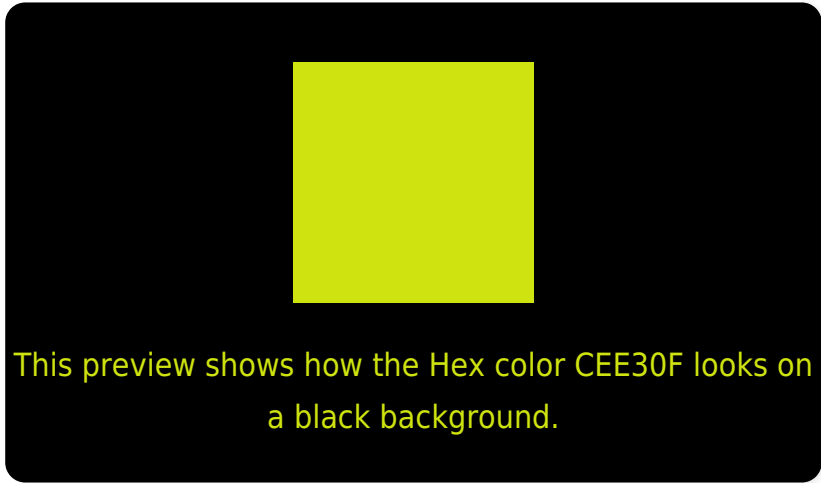
Large Text (above 18pt) WCAG AA × Fail

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 CEE30F Background



This preview shows how black text looks on a background with the Hex color CEE30F.



This preview shows how white text looks on a background with the Hex color CEE30F.

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
CEE30F

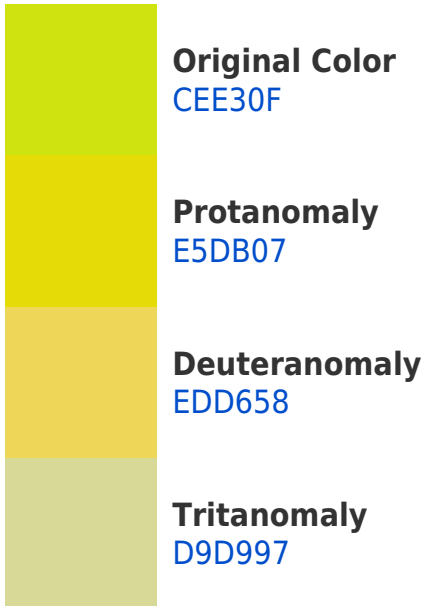
Protanopia
F2D703

Deuteranopia
FFCF82

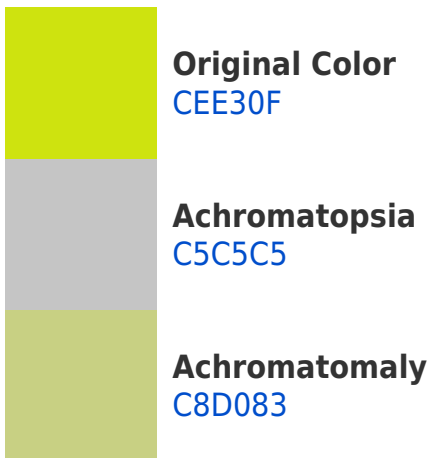


Tritanopia
DFD3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEE30F 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 #CEE30F looks like.

```
.text, #text, p{  
    color:#CEE30F  
}
```

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 #CEE30F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEE30F
}
```

Border

The CSS property to change the border of an element to Hex CEE30F 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
#CEE30F }
```

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

```
.border{ border-color:#CEE30F }
```

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

Here you see how a box with a 4 pixel #CEE30F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEE30F; -webkit-box-shadow:4px 4px  
4px 4px #CEE30F; box-shadow:4px 4px 4px  
4px #CEE30F }
```

Background

The CSS property to change the background color of an element to Hex CEE30F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEE30F }
```

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

```
.background{ background-color:#CEE30F }
```

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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