

Converting Colors

Hex(CEE831)

Have a look what the booklet for
Hex(CEE831) contains.

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Color

Hex(CEE831)

Conversions

Conversions Part 1

Format	Color
Hex	CEE831
RGB	206, 232, 49
RGB Percent	81%, 91%, 19%
CMY	0.1922, 0.0902, 0.8078
CMYK	0.11, 0.00, 0.79, 0.09
HSL	69°, 80%, 55%
HSV	69°, 79%, 91%
XYZ	54.8646, 71.0568, 13.7294
YIQ	203.3640, 43.2470, -62.4250

Conversions

Conversions Part 2

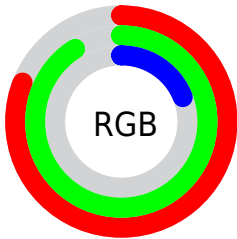
Format	Color
R _Y B	49, 232, 75
Decimal	13559857
CIE Lab	87.51, -29.86, 78.18
CIE LCh	88, 83.688, 110.904
Yxy	71.0568, 0.3929, 0.5088
Android (android.graphics.Color)	4291749937 (0xFFCEE831)
YUV	203.3640, -76.1015, 2.3118
Hunter-Lab	84.2952, -31.3376, 49.3499

Details

The Hex color **CEE831** 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 **4B31E8**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF6F**, and **93B000** is the 20% darker color. If you saturate the color by 10%, you get **CBE81A**, and if you desaturate by 10%, it is **D1E848**.

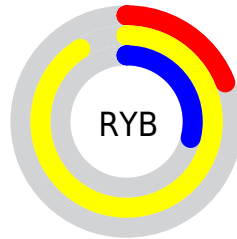
Distribution



Red (81%)

Green (91%)

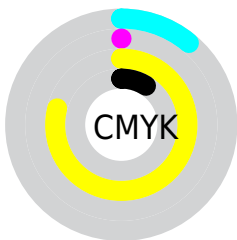
Blue (19%)



Red (19%)

Yellow (91%)

Blue (29%)

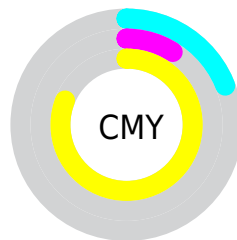


Cyan (11%)

Magenta (0%)

Yellow (79%)

Black (9%)



Cyan (19%)

Magenta (9%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEE831 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 CEE831 by changing the saturation by 10% instead.

 CEE831

 CEE831

FFFFFF

 B0CC00

 FFFF6F

 93B000

 FFFF8C

 779600

 FFFFA9

 5B7C00

 FFFFC6

 3E6300

 FFFFE4

 214B00

 003400

 002100

 000000

 CEE831

 CEE831

 CBE81A

 D1E848

 C7E803

 D5E85F

 C7E800

 D8E877

 DBE88E

 DEE8A5

 E2E8BC

 E5E8D3

 E8E8EB

 ECE8FF

Harmonies

Analogous

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



FFCF2A



CEE831



68F871

Triad

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



CEE831



00FBFF



FF91F7

Complementary

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



CEE831



4B31E8

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.



FFADFF



CEE831



00ECFF

Square

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



CEE831



00FFFF



ADD0FF



FF92A7

Rectangle

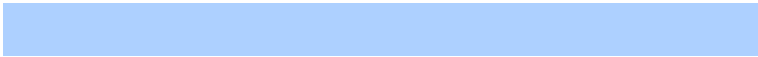
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CEE831



00FEA4



ADD0FF



FF98FF

Sweetspot

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



CEE831



F6FFC2



E84931



7A805B



000000



808080

Same Dimension

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



CEE831



DFF0D



74E831



717367



99B300



2C3300

Inverse Universe

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



4B31E8



2F0DFF



A531E8



696773



1900B3



070033

Previews

White Background



This preview shows how the Hex color CEE831 looks on a white background.

Color Contrast Check

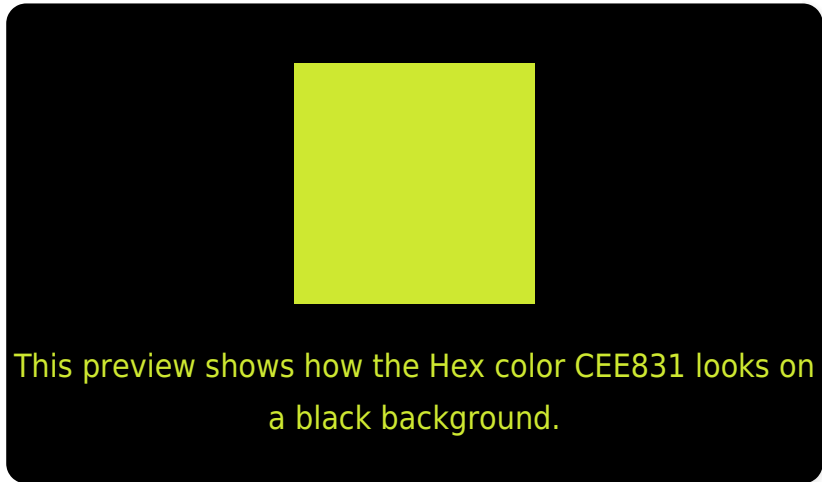
Large Text (above 18pt) WCAG AA × Fail

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 CEE831 Background



This preview shows how black text looks on a background with the Hex color CEE831.

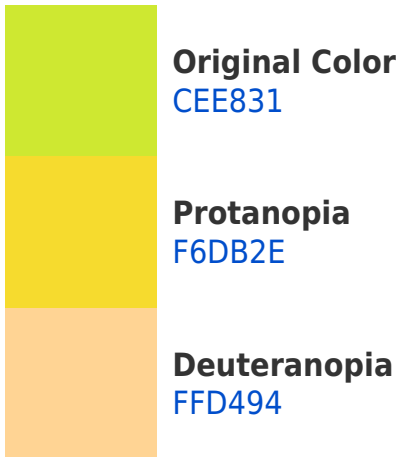


This preview shows how white text looks on a background with the Hex color CEE831.

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](#).

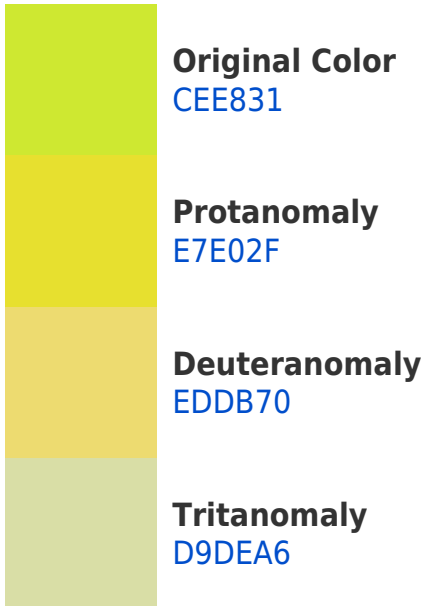
Dichromacy





Tritanopia
DFD8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEE831 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 #CEE831 looks like.

```
.text, #text, p{  
    color:#CEE831  
}
```

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 #CEE831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEE831
}
```

Border

The CSS property to change the border of an element to Hex CEE831 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
#CEE831 }
```

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

```
.border{ border-color:#CEE831 }
```

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

Here you see how a box with a 4 pixel #CEE831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEE831; -webkit-box-shadow:4px 4px  
4px 4px #CEE831; box-shadow:4px 4px 4px  
4px #CEE831 }
```

Background

The CSS property to change the background color of an element to Hex CEE831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEE831 }
```

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

```
.background{ background-color:#CEE831 }
```

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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