

Converting Colors

Hex(CAE819)

Have a look what the booklet for
Hex(CAE819) contains.

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Color

Hex(CAE819)

Conversions

Conversions Part 1

Format	Color
Hex	CAE819
RGB	202, 232, 25
RGB Percent	79%, 91%, 10%
CMY	0.2078, 0.0902, 0.9020
CMYK	0.13, 0.00, 0.89, 0.09
HSL	69°, 82%, 50%
HSV	69°, 89%, 91%
XYZ	53.3892, 70.3400, 11.6828
YIQ	199.4320, 48.5670, -70.7370

Conversions

Conversions Part 2

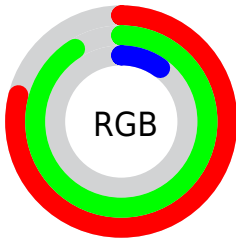
Format	Color
R _Y B	25, 232, 55
Decimal	13297689
CIE Lab	87.16, -32.12, 82.83
CIE LCh	87, 88.841, 111.196
Yxy	70.3400, 0.3943, 0.5195
Android (android.graphics.Color)	4291487769 (0xFFCAE819)
YUV	199.4320, -85.9950, 2.2521
Hunter-Lab	83.8689, -33.1413, 50.4493

Details

The Hex color **CAE819** 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 **3719E8**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF62**, and **8FB000** is the 20% darker color. If you saturate the color by 10%, you get **C7E802**, and if you desaturate by 10%, it is **CDE830**.

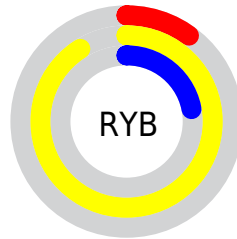
Distribution



Red (79%)

Green (91%)

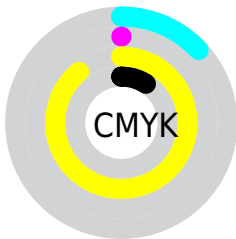
Blue (10%)



Red (10%)

Yellow (91%)

Blue (22%)

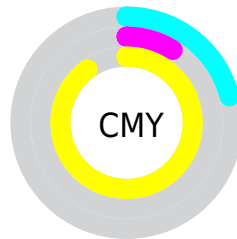


Cyan (13%)

Magenta (0%)

Yellow (89%)

Black (9%)



Cyan (21%)

Magenta (9%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAE819 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 CAE819 by changing the saturation by 10% instead.

 CAE819

 CAE819

FFFFFF

 ACCC00

 FFFF62

 8FB000

 FFFF7F

 729600

 FFFF9D

 567C00

 FFFFBA

 396300

 FFFFD8

 1B4B00

 FFFFF6

 003400

 002100

 000000

 CAE819

 CAE819

 C7E802

 CDE830

 C6E800

 D1E847

 D4E85F

 D7E876

 DBE88D

 DEE8A4

 E2E8BB

 E5E8D3

 E8E8EA

Harmonies

Analogous

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



FFCE08



CAE819



59F869

Triad

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



CAE819



00FCFF



FF88F7

Complementary

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



CAE819



3719E8

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.



FFA8FF



CAE819



00ECFF

Square

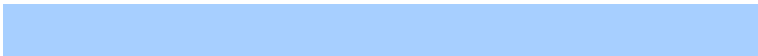
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CAE819



00FFFF



A7CFFF



FF8AA3

Rectangle

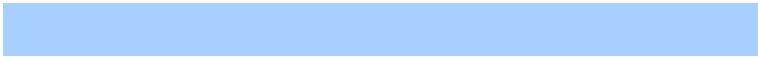
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CAE819



00FEA1



A7CFFF



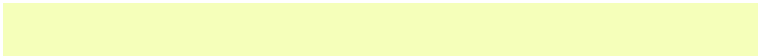
FF90FF

Sweetspot

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



CAE819



F5FFBA



E83519



7A8057



000000



808080

Same Dimension

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



CAE819



DAFF00



65E819



717367



99B300



2C3300

Inverse Universe

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



3719E8



2500FF



9C19E8



696773



1A00B3



070033

Previews

White Background



This preview shows how the Hex color CAE819 looks on a white background.

Color Contrast Check

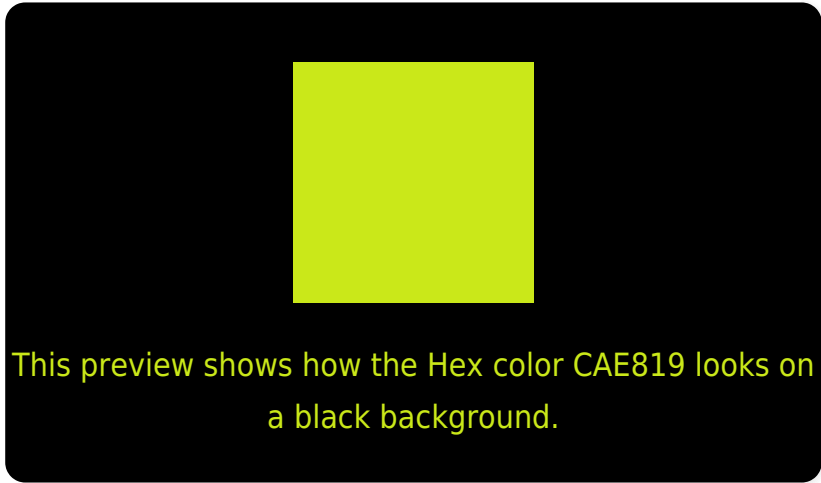
Large Text (above 18pt) WCAG AA × Fail

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 CAE819 Background



This preview shows how black text looks on a background with the Hex color CAE819.



This preview shows how white text looks on a background with the Hex color CAE819.

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
CAE819

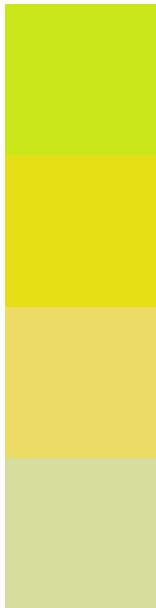
Protanopia
F6DA14

Deuteranopia
FFD38F



Tritanopia
DCD8E9

Trichromacy



Original Color
CAE819

Protanomaly
E6DF16

Deuteranomaly
ECDB64

Tritanomaly
D5DE9D

Monochromacy



Original Color
CAE819

Achromatopsia
C7C7C7

Achromatomaly
C8D388

CSS Examples

Text

The CSS property to change the color of the text to Hex CAE819 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 #CAE819 looks like.

```
.text, #text, p{  
    color:#CAE819  
}
```

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 #CAE819 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE819
}
```

Border

The CSS property to change the border of an element to Hex CAE819 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
#CAE819 }
```

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

```
.border{ border-color:#CAE819 }
```

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

Here you see how a box with a 4 pixel #CAE819 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE819; -webkit-box-shadow:4px 4px  
4px 4px #CAE819; box-shadow:4px 4px 4px  
4px #CAE819 }
```

Background

The CSS property to change the background color of an element to Hex CAE819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE819 }
```

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

```
.background{ background-color:#CAE819 }
```

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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