

Converting Colors

Hex(CAED44)

Have a look what the booklet for
Hex(CAED44) contains.

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Color

Hex(CAED44)

Conversions

Conversions Part 1

Format	Color
Hex	CAED44
RGB	202, 237, 68
RGB Percent	79%, 93%, 27%
CMY	0.2078, 0.0706, 0.7333
CMYK	0.15, 0.00, 0.71, 0.07
HSL	72°, 82%, 60%
HSV	72°, 71%, 93%
XYZ	55.6847, 73.5423, 16.7290
YIQ	207.2690, 33.3890, -59.9790

Conversions

Conversions Part 2

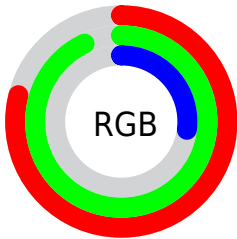
Format	Color
RYB	68, 237, 103
Decimal	13299012
CIELab	88.71, -32.94, 73.41
CIELCh	89, 80.460, 114.167
Yxy	73.5423, 0.3815, 0.5039
Android (android.graphics.Color)	4291489092 (0xFFCAED44)
YUV	207.2690, -68.6596, -4.6209
Hunter-Lab	85.7568, -34.1685, 48.4637

Details

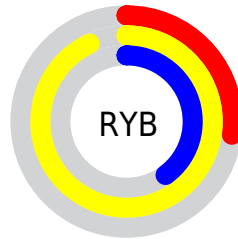
The Hex color **CAED44** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **6744ED**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF7E**, and **90B500** is the 20% darker color. If you saturate the color by 10%, you get **C5ED2C**, and if you desaturate by 10%, it is **CFED5C**.

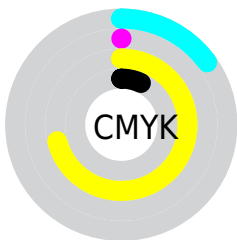
Distribution



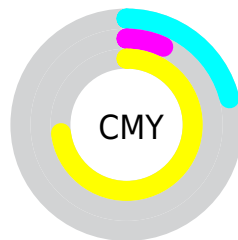
- Red (79%)
- Green (93%)
- Blue (27%)



- Red (27%)
- Yellow (93%)
- Blue (40%)



- Cyan (15%)
- Magenta (0%)
- Yellow (71%)
- Black (7%)



- Cyan (21%)
- Magenta (7%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAED44 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 CAED44 by changing the saturation by 10% instead.

 CAED44

 CAED44

FFFFFF

 ADD122

 FFFF7E

 90B500

 FFFF9B

 749A00

 FFFFB8

 578000

 FFFF D5

 3C6700

 FFFFF2

 1D4F00

 003700

 002300

 000000

 CAED44

 CAED44

 C5ED2C

 CFED5C

 C0ED15

 D4ED73

 BCED00

 D9ED8B

 DEEDA3

 E3EDBA

 E7EDD2

 ECEDEA

 F1EDFF

 F6EDFF

Harmonies

Analogous

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



FFD636



CAED44



64FB80

Triad

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



CAED44



00FCFF



FF98F1

Complementary

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



CAED44



6744ED

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



CAED44



00ECFF

Square

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



CAED44



00FFFF



C5D1FF



FF9CA4

Rectangle

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



CAED44



00FFB2



C5D1FF



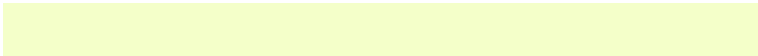
FF9DFF

Sweetspot

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



CAED44



F4FFC9



ED6644



798060



000000



808080

Same Dimension

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



CAED44



D2FF24



77ED44



73756A



90B500



2A3600

Inverse Universe

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



6744ED



5124FF



BA44ED



6C6A75



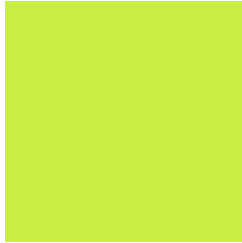
2500B5



0B0036

Previews

White Background



This preview shows how the Hex color CAED44 looks on a white background.

Color Contrast Check

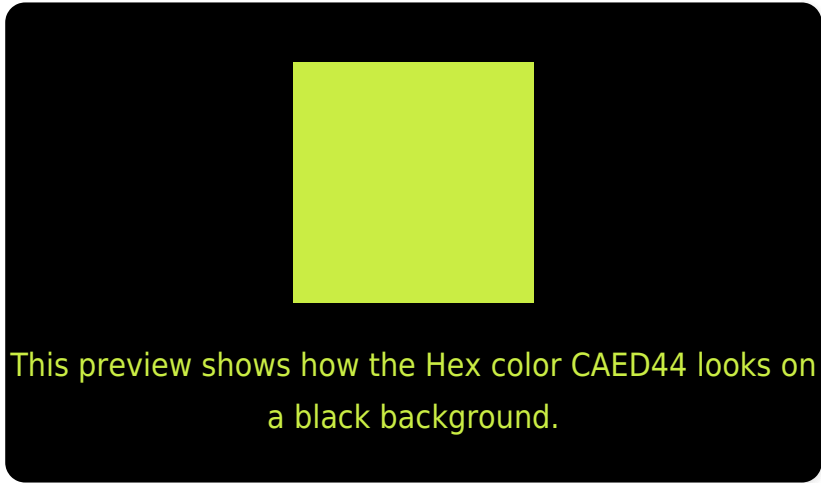
Large Text (above 18pt) WCAG AA × Fail

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 CAED44 Background



This preview shows how black text looks on a background with the Hex color CAED44.



This preview shows how white text looks on a background with the Hex color CAED44.

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

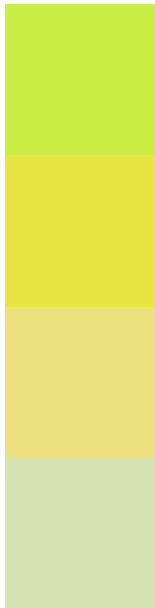


Original Color
CAED44

Protanopia
F9DF40

Deuteranopia
FFD8A1

Trichromacy



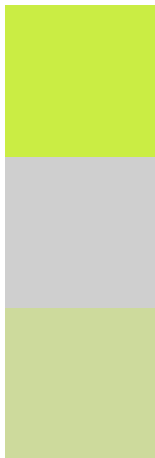
Original Color
CAED44

Protanomaly
E8E441

Deuteranomaly
ECE07F

Tritanomaly
D5E3B1

Monochromacy



Original Color
CAED44

Achromatopsia
CFCFCF

Achromatomaly
CDDA9C

CSS Examples

Text

The CSS property to change the color of the text to Hex CAED44 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 #CAED44 looks like.

```
.text, #text, p{  
    color:#CAED44  
}
```

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 #CAED44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAED44  
}
```

Border

The CSS property to change the border of an element to Hex CAED44 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  
#CAED44 }
```

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

```
.border{ border-color:#CAED44 }
```

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

Here you see how a box with a 4 pixel #CAED44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAED44; -webkit-box-shadow:4px 4px  
4px 4px #CAED44; box-shadow:4px 4px 4px  
4px #CAED44 }
```

Background

The CSS property to change the background color of an element to Hex CAED44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAED44 }
```

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

```
.background{ background-color:#CAED44 }
```

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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