

Converting Colors

Hex(CAD95E)

Have a look what the booklet for
Hex(CAD95E) contains.

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Color

Hex(CAD95E)

Conversions

Conversions Part 1

Format	Color
Hex	CAD95E
RGB	202, 217, 94
RGB Percent	79%, 85%, 37%
CMY	0.2078, 0.1490, 0.6314
CMYK	0.07, 0.00, 0.57, 0.15
HSL	67°, 62%, 61%
HSV	67°, 57%, 85%
XYZ	51.1904, 62.9904, 20.0500
YIQ	198.4930, 30.5430, -41.4330

Conversions

Conversions Part 2

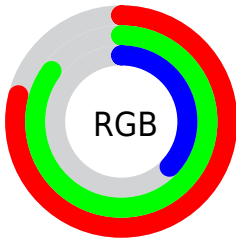
Format	Color
RYB	94, 217, 109
Decimal	13293918
CIELab	83.44, -21.80, 57.66
CIELCh	83, 61.644, 110.714
Yxy	62.9904, 0.3814, 0.4693
Android (android.graphics.Color)	4291483998 (0xFFCAD95E)
YUV	198.4930, -51.5150, 3.0756
Hunter-Lab	79.3665, -23.7612, 40.5784

Details

The Hex color **CAD95E** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **6D5ED9**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF94**, and **91A227** is the 20% darker color. If you saturate the color by 10%, you get **C7D948**, and if you desaturate by 10%, it is **CDD974**.

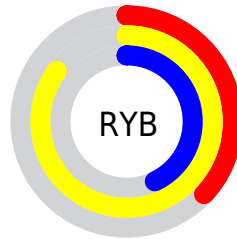
Distribution



Red (79%)

Green (85%)

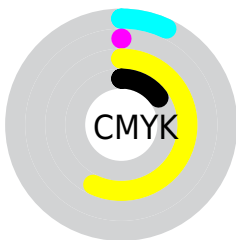
Blue (37%)



Red (37%)

Yellow (85%)

Blue (43%)

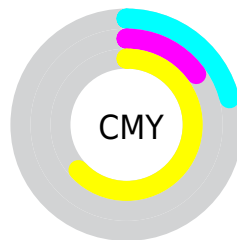


Cyan (7%)

Magenta (0%)

Yellow (57%)

Black (15%)



Cyan (21%)

Magenta (15%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAD95E 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 CAD95E by changing the saturation by 10% instead.

 CAD95E

FFFFFF

 FFFF94

 FFFFB0

 FFFFCC

 FFFFEE

 CAD95E

 ADBD43


 91A227

 768800

 5B6F00

 415600

 263F00

 0B2900

 001400

 000000

 CAD95E

 CAD95E

 C7D948

 CDD974

 C5D933

 CFD989

 C2D91D

 D2D99F

 BFD907

 D5D9B5

 BFD900

 D7D9CB

 DAD9E0

 DDD9F6

 DFD9FF

 E2D9FF

Harmonies

Analogous

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



FFC65A



CAD95E



85E684

Triad

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



CAD95E



00E8FF



FFA0E5

Complementary

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



CAD95E



6D5ED9

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.



FFB1FF



CAD95E



00DBFF

Square

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



CAD95E



00EDF7



B6C8FF



FFA0AA

Rectangle

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



CAD95E



3FEAA8



B6C8FF



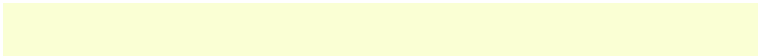
FFA4F8

Sweetspot

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



CAD95E



FAFFD4



D96C5E



7C8066



000000



808080

Same Dimension

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



CAD95E



EAFF52



8DD95E



6C6E63



98AD00



282E00

Inverse Universe

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



6D5ED9



6752FF



AA5ED9



64636E



1500AD



06002E

Previews

White Background



This preview shows how the Hex color CAD95E 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



This preview shows how the Hex color CAD95E looks on a 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 CAD95E Background



This preview shows how black text looks on a background with the Hex color CAD95E.

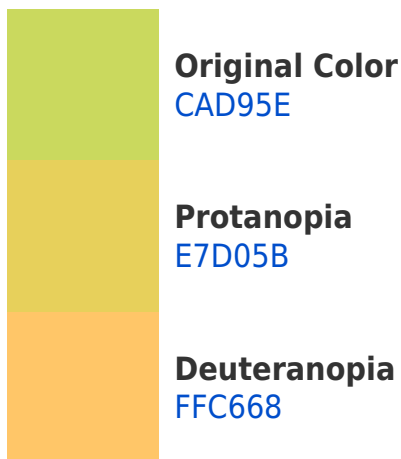


This preview shows how white text looks on a background with the Hex color CAD95E.

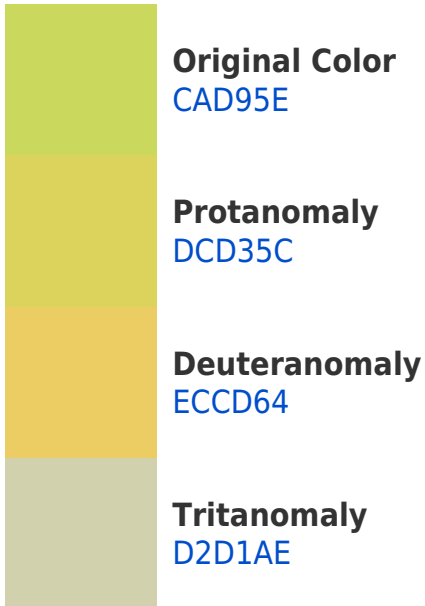
Color Blindness Simulation

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](#).

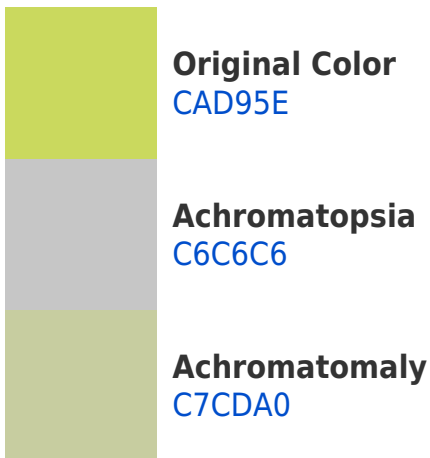
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAD95E 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 #CAD95E looks like.

```
.text, #text, p{  
    color:#CAD95E  
}
```

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 #CAD95E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAD95E
}
```

Border

The CSS property to change the border of an element to Hex CAD95E 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
#CAD95E }
```

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

```
.border{ border-color:#CAD95E }
```

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

Here you see how a box with a 4 pixel #CAD95E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAD95E; -webkit-box-shadow:4px 4px  
4px 4px #CAD95E; box-shadow:4px 4px 4px  
4px #CAD95E }
```

Background

The CSS property to change the background color of an element to Hex CAD95E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAD95E }
```

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

```
.background{ background-color:#CAD95E }
```

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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