

Converting Colors

Hex(CAD71F)

Have a look what the booklet for
Hex(CAD71F) contains.

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Color

Hex(CAD71F)

Conversions

Conversions Part 1

Format	Color
Hex	CAD71F
RGB	202, 215, 31
RGB Percent	79%, 84%, 12%
CMY	0.2078, 0.1569, 0.8784
CMYK	0.06, 0.00, 0.86, 0.16
HSL	64°, 75%, 48%
HSV	64°, 86%, 84%
XYZ	48.9049, 61.2564, 10.5424
YIQ	190.1370, 51.3160, -59.9800

Conversions

Conversions Part 2

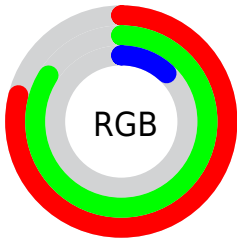
Format	Color
RYB	31, 215, 44
Decimal	13293343
CIELab	82.52, -23.98, 78.02
CIELCh	83, 81.620, 107.086
Yxy	61.2564, 0.4052, 0.5075
Android (android.graphics.Color)	4291483423 (0xFFCAD71F)
YUV	190.1370, -78.4545, 10.4039
Hunter-Lab	78.2664, -25.4303, 46.8002

Details

The Hex color **CAD71F** 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 **2C1FD7**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFFF62**, and **8FA000** is the 20% darker color. If you saturate the color by 10%, you get **C8D70A**, and if you desaturate by 10%, it is **CCD735**.

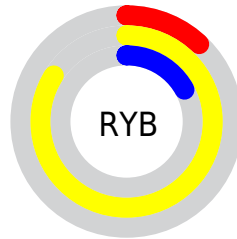
Distribution



Red (79%)

Green (84%)

Blue (12%)



Red (12%)

Yellow (84%)

Blue (17%)

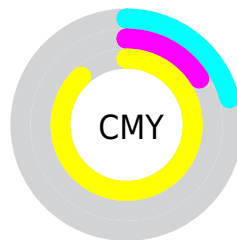


Cyan (6%)

Magenta (0%)

Yellow (86%)

Black (16%)



Cyan (21%)

Magenta (16%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAD71F 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 CAD71F by changing the saturation by 10% instead.

 CAD71F

 CAD71F

FFFFFF

 ACBB00

 FFFF62

 8FA000

 FFFF7F

 738600

 FFFF9C

 576D00

 FFFFFB9

 3B5500

 FFFFFD6

 203E00

 FFFFF4

 032800

 001000

 000000

 CAD71F

 CAD71F

 C8D70A

 CCD735

 C8D700

 CDD74A

 CFD760

 D0D775

 D2D78B

 D3D7A0

 D5D7B6

 D6D7CB

 D8D7E1

Harmonies

Analogous

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



FFBE24



CAD71F



6DE75D

Triad

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



CAD71F



00EDFF



FF87F2

Complementary

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



CAD71F



2C1FD7

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.



FFA5FF



CAD71F



00E0FF

Square

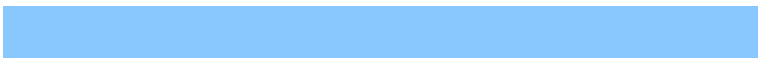
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CAD71F



00F1F8



89C7FF



FF84A5

Rectangle

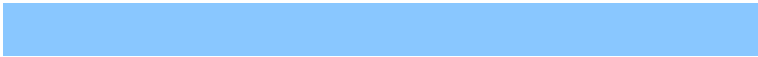
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CAD71F



00ED8E



89C7FF



FF8FFF

Sweetspot

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



CAD71F



FAFFBD



D72B1F



7D8058



000000



808080

Same Dimension

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



CAD71F



EDFF00



6FD71F



6A6B60



9FAB00



282B00

Inverse Universe

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



2C1FD7



1200FF



871FD7



61606B



0C00AB



03002B

Previews

White Background



This preview shows how the Hex color CAD71F looks on a white background.

Color Contrast Check

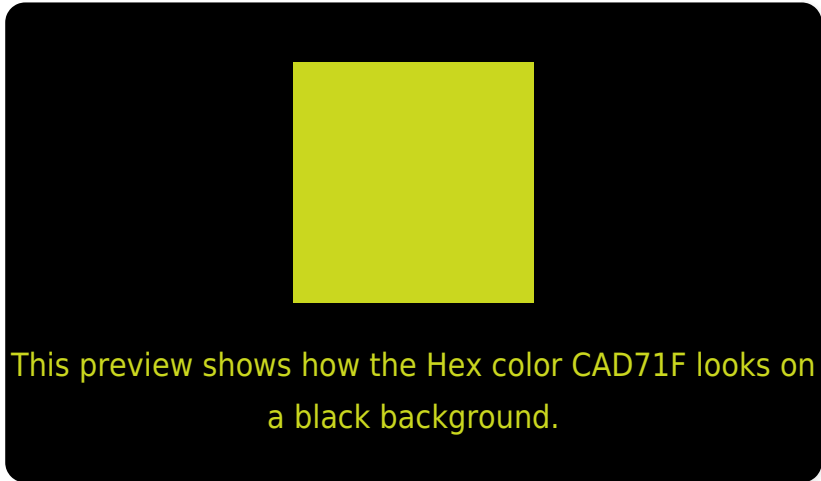
Large Text (above 18pt) WCAG AA × Fail

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 CAD71F Background



This preview shows how black text looks on a background with the Hex color CAD71F.

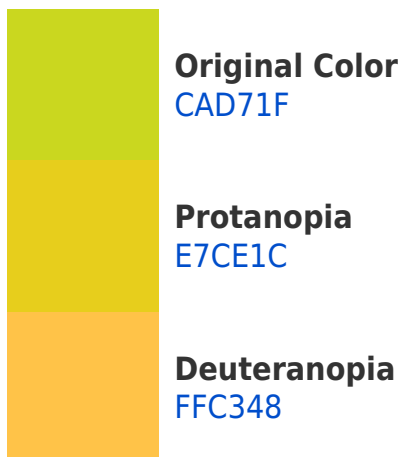


This preview shows how white text looks on a background with the Hex color CAD71F.

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](#).

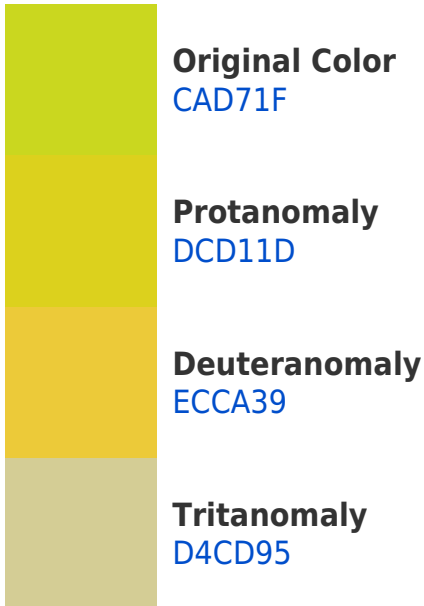
Dichromacy





Tritanopia
D9C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAD71F 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 #CAD71F looks like.

```
.text, #text, p{  
    color:#CAD71F  
}
```

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 #CAD71F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAD71F
}
```

Border

The CSS property to change the border of an element to Hex CAD71F 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
#CAD71F }
```

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

```
.border{ border-color:#CAD71F }
```

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

Here you see how a box with a 4 pixel #CAD71F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAD71F; -webkit-box-shadow:4px 4px  
4px 4px #CAD71F; box-shadow:4px 4px 4px  
4px #CAD71F }
```

Background

The CSS property to change the background color of an element to Hex CAD71F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAD71F }
```

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

```
.background{ background-color:#CAD71F }
```

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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