

Converting Colors

Hex(CDAF57)

Have a look what the booklet for
Hex(CDAF57) contains.

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Color

Hex(CDAF57)

Conversions

Conversions Part 1

Format	Color
Hex	CDAF57
RGB	205, 175, 87
RGB Percent	80%, 69%, 34%
CMY	0.1961, 0.3137, 0.6588
CMYK	0.00, 0.15, 0.58, 0.20
HSL	45°, 54%, 57%
HSV	45°, 58%, 80%
XYZ	42.2271, 44.3272, 15.3472
YIQ	173.9380, 46.1280, -21.0080

Conversions

Conversions Part 2

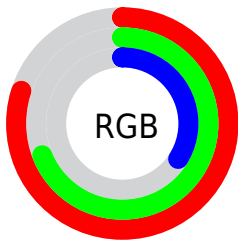
Format	Color
RYB	127, 205, 87
Decimal	13479767
CIELab	72.45, 0.29, 48.41
CIELCh	72, 48.410, 89.660
Yxy	44.3272, 0.4144, 0.4350
Android (android.graphics.Color)	4291669847 (0xFFCDAF57)
YUV	173.9380, -42.8604, 27.2414
Hunter-Lab	66.5787, -3.3002, 32.9380

Details

The Hex color **CDAF57** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5775CD**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE68B**, and **947B24** is the 20% darker color. If you saturate the color by 10%, you get **CDAA42**, and if you desaturate by 10%, it is **CDB46C**.

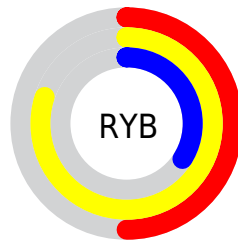
Distribution



Red (80%)

Green (69%)

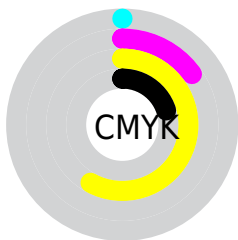
Blue (34%)



Red (50%)

Yellow (80%)

Blue (34%)

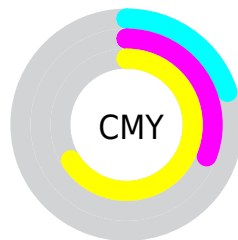


Cyan (0%)

Magenta (15%)

Yellow (58%)

Black (20%)



Cyan (20%)

Magenta (31%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDAF57 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 CDAF57 by changing the saturation by 10% instead.

 CDAF57

 CDAF57

FFFFFF

 B0943E

 FFE68B

 947B24

 FFFFA6

 786204

 FFFFC2

 5E4B00

 FFFFDF

 433400

 FFFFFC

 2A1F00

 0E0800

 000000

 CDAF57

 CDAF57

CDAA42

CDB46C

CDA52E

CDB980

CD9F1A

CDBF95

CD9A05

CDC4A9

CD9900

CDC9BE

CDCED2

CDD3E7

CDD9FB

CDDEFF

Harmonies

Analogous

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



F09F66



CDAF57



A0BC62

Triad

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



CDAF57



00C8DC



E896DF

Complementary

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



CDAF57



5775CD

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.



B4A6FF



CDAF57



00C2FD

Square

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



CDAF57



00C8B0



65B6FF



FF8DB4

Rectangle

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



CDAF57



7DC276



65B6FF



DA9BEB

Sweetspot

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



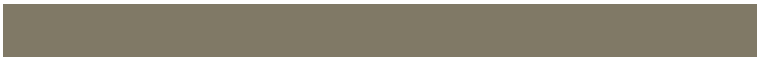
CDAF57



FFF4D4



CD5776



807966



000000



808080

Same Dimension

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



CDAF57



FFD24F



B1CD57



66635C



A67C00



261D00

Inverse Universe

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



5775CD



4F7CFF



7357CD



5C5E66



002AA6



000A26

Previews

White Background



This preview shows how the Hex color CDAF57 looks on a white background.

Color Contrast Check

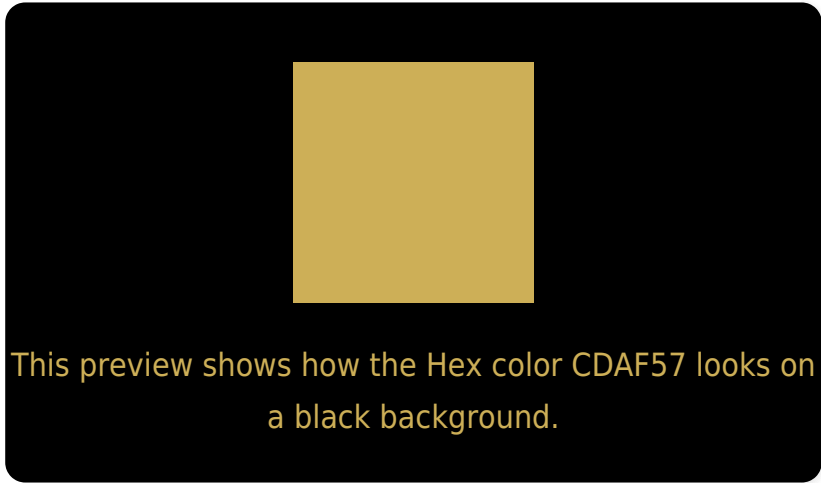
Large Text (above 18pt) WCAG AA × Fail

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 CDAF57 Background



This preview shows how black text looks on a background with the Hex color CDAF57.

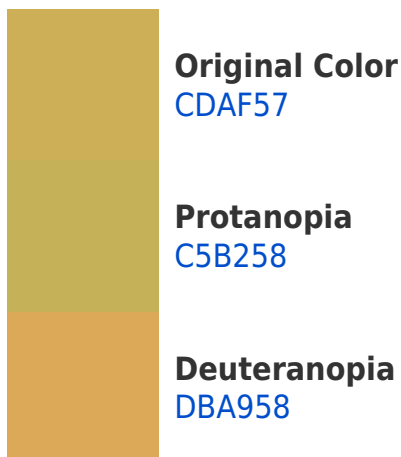


This preview shows how white text looks on a background with the Hex color CDAF57.

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](#).

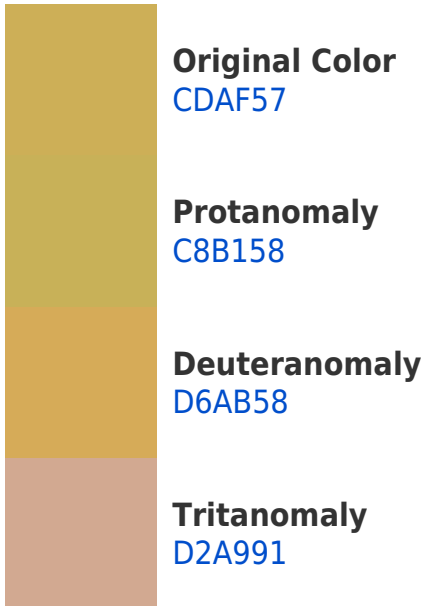
Dichromacy





Tritanopia
D5A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDAF57 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 #CDAF57 looks like.

```
.text, #text, p{  
    color:#CDAF57  
}
```

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 #CDAF57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDAF57
}
```

Border

The CSS property to change the border of an element to Hex CDAF57 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
#CDAF57 }
```

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

```
.border{ border-color:#CDAF57 }
```

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

Here you see how a box with a 4 pixel #CDAF57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDAF57; -webkit-box-shadow:4px 4px  
4px 4px #CDAF57; box-shadow:4px 4px 4px  
4px #CDAF57 }
```

Background

The CSS property to change the background color of an element to Hex CDAF57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDAF57 }
```

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

```
.background{ background-color:#CDAF57 }
```

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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