

Converting Colors

Hex(CDAF52)

Have a look what the booklet for
Hex(CDAF52) contains.

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Color

Hex(CDAF52)

Conversions

Conversions Part 1

Format	Color
Hex	CDAF52
RGB	205, 175, 82
RGB Percent	80%, 69%, 32%
CMY	0.1961, 0.3137, 0.6784
CMYK	0.00, 0.15, 0.60, 0.20
HSL	45°, 55%, 56%
HSV	45°, 60%, 80%
XYZ	42.0298, 44.2483, 14.3082
YIQ	173.3680, 47.7330, -22.5630

Conversions

Conversions Part 2

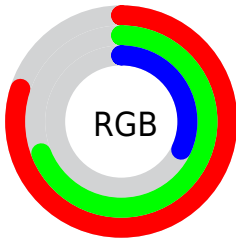
Format	Color
RYB	122, 205, 82
Decimal	13479762
CIELab	72.39, -0.08, 50.72
CIELCh	72, 50.723, 90.092
Yxy	44.2483, 0.4178, 0.4399
Android (android.graphics.Color)	4291669842 (0xFFCDAF52)
YUV	173.3680, -45.0444, 27.7413
Hunter-Lab	66.5194, -3.6249, 33.8104

Details

The Hex color **CDAF52** 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 **5270CD**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE686**, and **947B1E** is the 20% darker color. If you saturate the color by 10%, you get **CDAA3E**, and if you desaturate by 10%, it is **CDB467**.

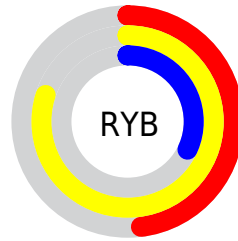
Distribution



Red (80%)

Green (69%)

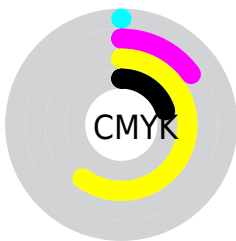
Blue (32%)



Red (48%)

Yellow (80%)

Blue (32%)

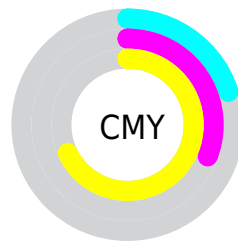


Cyan (0%)

Magenta (15%)

Yellow (60%)

Black (20%)



Cyan (20%)

Magenta (31%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDAF52 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 CDAF52 by changing the saturation by 10% instead.

 CDAF52

 CDAF52

FFFFFF

 B09538

 FFE686

 947B1E

 FFFFA1

 786200

 FFFFBD

 5D4B00

 FFFFFDA

 433400

 FFFFF6

 291F00

 0D0800

 000000

 CDAF52

 CDAF52

 CDAA3E

 CDB467

 CDA529

 CDB97B

 CDA014

 CDBE90

 CD9B00

 CDC3A4

 CDC8B9

 CDCDCD

 CDD2E2

 CDD7F6

 CDDCFF

Harmonies

Analogous

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



F29E62



CDAF52



9EBD5E

Triad

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



CDAF52



00C8DF



EB94E1

Complementary

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



CDAF52



5270CD

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.



B5A5FF



CDAF52



00C2FF

Square

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



CDAF52



00C9B0



5FB6FF



FF8BB3

Rectangle

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



CDAF52



78C374



5FB6FF



DC99EE

Sweetspot

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



CDAF52



FFF4D1



CD5271



807963



000000



808080

Same Dimension

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



CDAF52



FFD247



AECD52



66645C



A67D00



261D00

Inverse Universe

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



5270CD



4774FF



7152CD



5C5E66



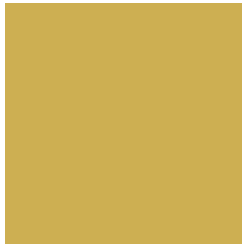
0028A6



000926

Previews

White Background



This preview shows how the Hex color CDAF52 looks on a white background.

Color Contrast Check

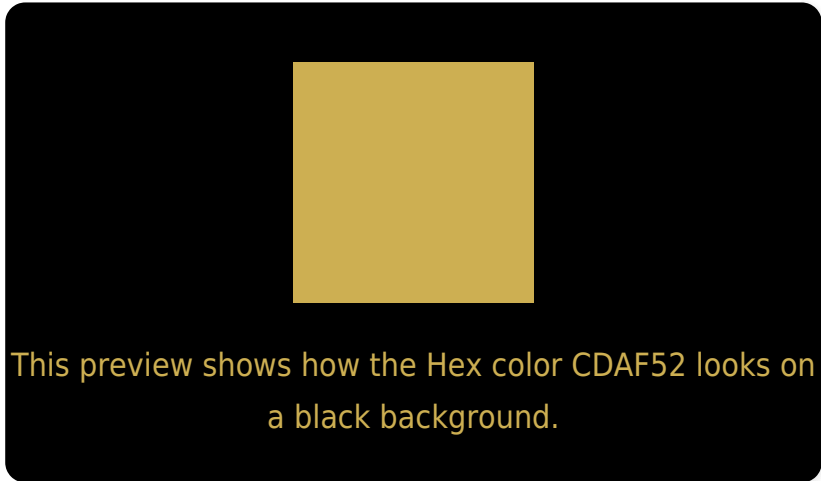
Large Text (above 18pt) WCAG AA × Fail

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 CDAF52 Background



This preview shows how black text looks on a background with the Hex color CDAF52.

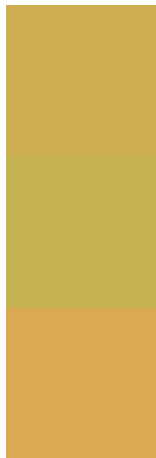


This preview shows how white text looks on a background with the Hex color CDAF52.

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
CDAF52

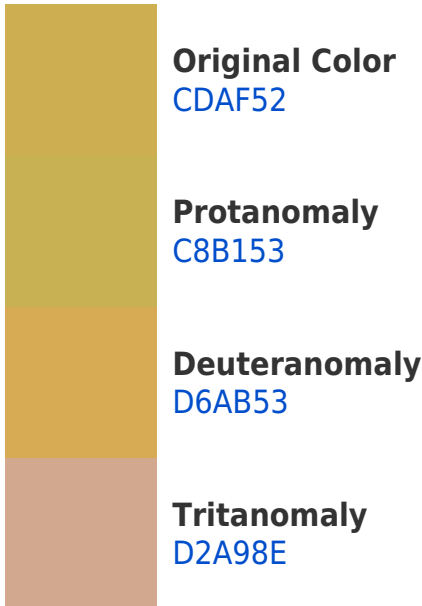
Protanopia
C5B253

Deuteranopia
DBA954



Tritanopia
D5A5B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDAF52 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 #CDAF52 looks like.

```
.text, #text, p{  
    color:#CDAF52  
}
```

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 #CDAF52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDAF52
}
```

Border

The CSS property to change the border of an element to Hex CDAF52 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
#CDAF52 }
```

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

```
.border{ border-color:#CDAF52 }
```

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

Here you see how a box with a 4 pixel #CDAF52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDAF52; -webkit-box-shadow:4px 4px  
4px 4px #CDAF52; box-shadow:4px 4px 4px  
4px #CDAF52 }
```

Background

The CSS property to change the background color of an element to Hex CDAF52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDAF52 }
```

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

```
.background{ background-color:#CDAF52 }
```

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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