

Converting Colors

Hex(CDA947)

Have a look what the booklet for
Hex(CDA947) contains.

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Color

Hex(CDA947)

Conversions

Conversions Part 1

Format	Color
Hex	CDA947
RGB	205, 169, 71
RGB Percent	80%, 66%, 28%
CMY	0.1961, 0.3373, 0.7216
CMYK	0.00, 0.18, 0.65, 0.20
HSL	44°, 57%, 54%
HSV	44°, 65%, 80%
XYZ	40.5021, 41.8100, 11.8967
YIQ	168.5920, 52.9140, -22.8460

Conversions

Conversions Part 2

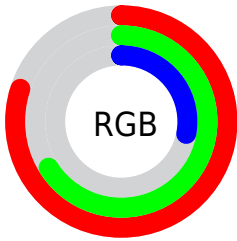
Format	Color
RYB	120, 205, 71
Decimal	13478215
CIELab	70.74, 2.38, 53.94
CIELCh	71, 53.990, 87.476
Yxy	41.8100, 0.4299, 0.4438
Android (android.graphics.Color)	4291668295 (0xFFCDA947)
YUV	168.5920, -48.1129, 31.9298
Hunter-Lab	64.6607, -1.3473, 34.3539

Details

The Hex color **CDA947** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **476BCD**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFE07B**, and **93750E** is the 20% darker color. If you saturate the color by 10%, you get **CDA332**, and if you desaturate by 10%, it is **CDAF5C**.

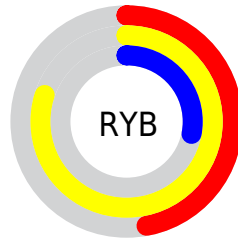
Distribution



Red (80%)

Green (66%)

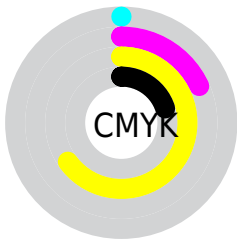
Blue (28%)



Red (47%)

Yellow (80%)

Blue (28%)

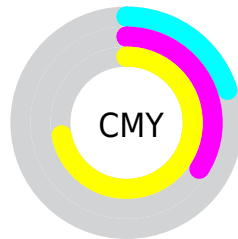


Cyan (0%)

Magenta (18%)

Yellow (65%)

Black (20%)



Cyan (20%)

Magenta (34%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDA947 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 CDA947 by changing the saturation by 10% instead.

 CDA947

 CDA947

FFFFFF

 B08F2D

 FFE07B

 93750E

 FFFD96

 775D00

 FFFFFB2

 5C4500

 FFFFCE

 413000

 FFFFEB

 281B00

 0A0100

 000000

 CDA947

 CDA947

 CDA332

 CDAF5C

 CD9E1E

 CDB470

 CD9809

 CDBA84

 CD9600

 CDBF99

 CDC5AD

 CDCAC2

 CDD0D6

 CDD5EB

 CDDBFF

Harmonies

Analogous

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



F3975B



CDA947



9CB852

Triad

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



CDA947



00C5D9



E68FE3

Complementary

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



CDA947



476BCD

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.



A9A2FF



CDA947



00C0FF

Square

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



CDA947



00C5A7



3EB4FF



FF83B3

Rectangle

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



CDA947



75BE68



3EB4FF



D595F0

Sweetspot

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



CDA947



FFF1CC



CD476D



807761



000000



808080

Same Dimension

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



CDA947



FFCA38



B0CD47



66635C



A67900



261C00

Inverse Universe

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



476BCD



386EFF



6447CD



5C5F66



002DA6



000A26

Previews

White Background



This preview shows how the Hex color CDA947 looks on a white background.

Color Contrast Check

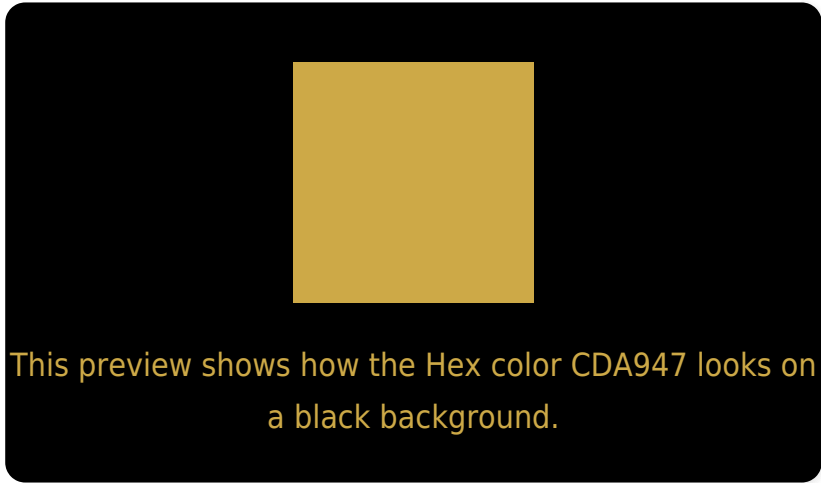
Large Text (above 18pt) WCAG AA × Fail

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 CDA947 Background



This preview shows how black text looks on a background with the Hex color CDA947.



This preview shows how white text looks on a background with the Hex color CDA947.

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
CDA947

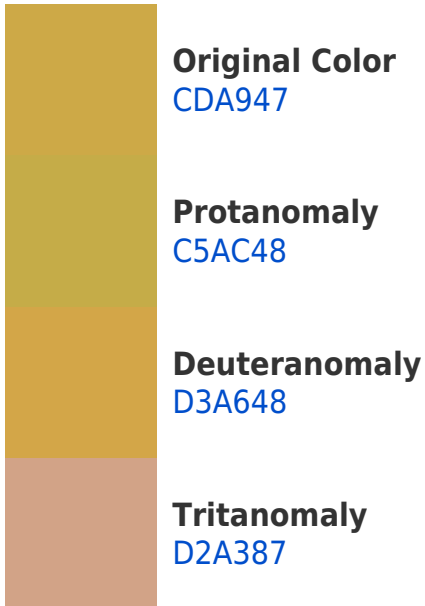
Protanopia
C1AE48

Deuteranopia
D7A548

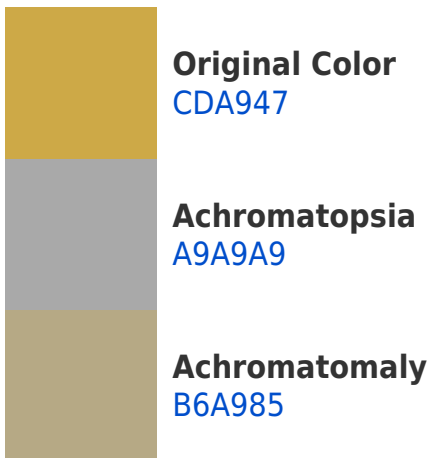


Tritanopia
D59FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDA947 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 #CDA947 looks like.

```
.text, #text, p{  
    color:#CDA947  
}
```

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 #CDA947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA947
}
```

Border

The CSS property to change the border of an element to Hex CDA947 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
#CDA947 }
```

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

```
.border{ border-color:#CDA947 }
```

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

Here you see how a box with a 4 pixel #CDA947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA947; -webkit-box-shadow:4px 4px  
4px 4px #CDA947; box-shadow:4px 4px 4px  
4px #CDA947 }
```

Background

The CSS property to change the background color of an element to Hex CDA947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA947 }
```

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

```
.background{ background-color:#CDA947 }
```

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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