

Converting Colors

Hex(CDA37F)

Have a look what the booklet for
Hex(CDA37F) contains.

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Color

Hex(CDA37F)

Conversions

Conversions Part 1

Format	Color
Hex	CDA37F
RGB	205, 163, 127
RGB Percent	80%, 64%, 50%
CMY	0.1961, 0.3608, 0.5020
CMYK	0.00, 0.20, 0.38, 0.20
HSL	28°, 44%, 65%
HSV	28°, 38%, 80%
XYZ	42.1048, 40.7058, 25.7165
YIQ	171.4540, 36.5880, -2.2920

Conversions

Conversions Part 2

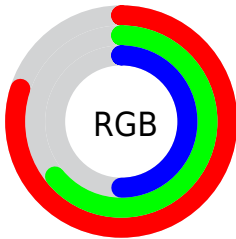
Format	Color
RYB	205, 194, 127
Decimal	13476735
CIELab	69.97, 10.60, 24.60
CIELCh	70, 26.782, 66.691
Yxy	40.7058, 0.3880, 0.3751
Android (android.graphics.Color)	4291666815 (0xFFCDA37F)
YUV	171.4540, -21.9158, 29.4198
Hunter-Lab	63.8011, 6.1470, 20.7626

Details

The Hex color **CDA37F** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7FA9CD**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFDAB4**, and **956F4E** is the 20% darker color. If you saturate the color by 10%, you get **CD986B**, and if you desaturate by 10%, it is **CDAE94**.

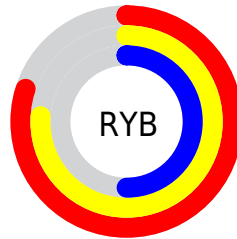
Distribution



Red (80%)

Green (64%)

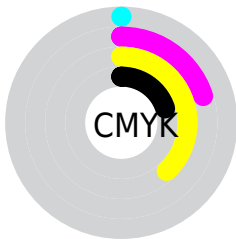
Blue (50%)



Red (80%)

Yellow (76%)

Blue (50%)

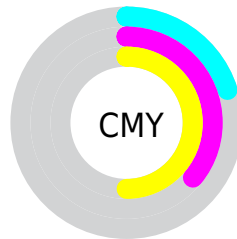


Cyan (0%)

Magenta (20%)

Yellow (38%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDA37F 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 CDA37F by changing the saturation by 10% instead.

 CDA37F

 CDA37F

FFFFFF

 B18966

 FFDAB4

 956F4E

 FFF6D0

 7A5736

 FFFFFEC

 604020

 472A0A

 2F1500

 160000

 000000

 CDA37F

 CDA37F

 CD986B

 CDAE94

 CD8D56

 CDB9A8

 CD8242

 CDC4BD

 CD772D

 CDCFD1

 CD6C19

 CDDAE6

 CD6104

 CDE5FA

 CD5F00

 CDF0FF

 CDFBFF

 CDFFFF

Harmonies

Analogous

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



DA9C8F



CDA37F



B7AB7B

Triad

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



CDA37F



69B9B0



B6A3D2

Complementary

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



CDA37F



7FA9CD

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.



94ABDB



CDA37F



62B7C7

Square

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



CDA37F



81B797



74B3D7



CF9CBF

Rectangle

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



CDA37F



A6B07F



74B3D7



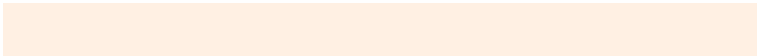
ABA6D6

Sweetspot

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



CDA37F



FFF0E3



CD7FAA



80776F



000000



808080

Same Dimension

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



CDA37F



FFC08A



CDC97F



66615C



A64C00



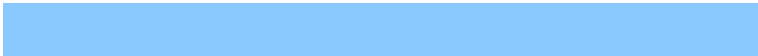
261200

Inverse Universe

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



7FA9CD



8AC9FF



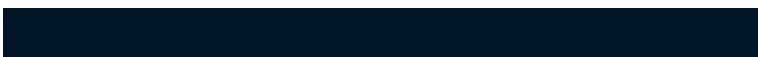
7F83CD



5C6166



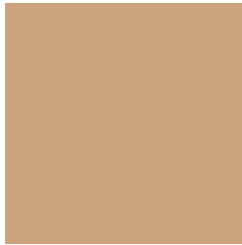
0059A6



001526

Previews

White Background



This preview shows how the Hex color CDA37F 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 CDA37F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

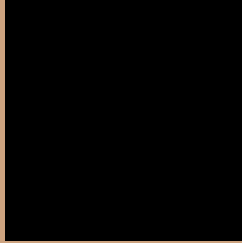
Any Text WCAG AA ✓ Pass

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 CDA37F Background



This preview shows how black text looks on a background with the Hex color CDA37F.

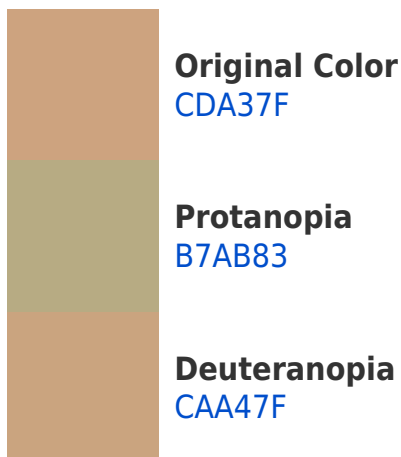


This preview shows how white text looks on a background with the Hex color CDA37F.

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](#).

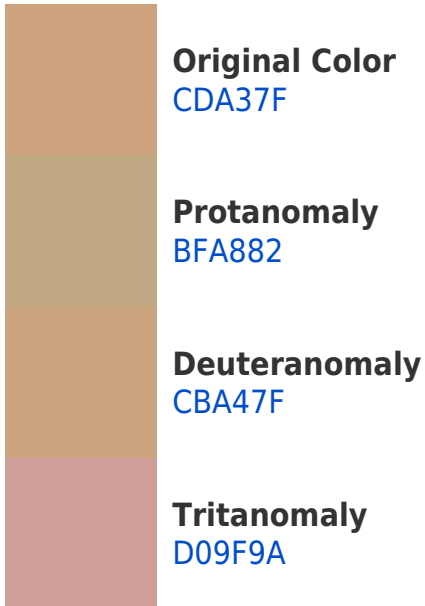
Dichromacy



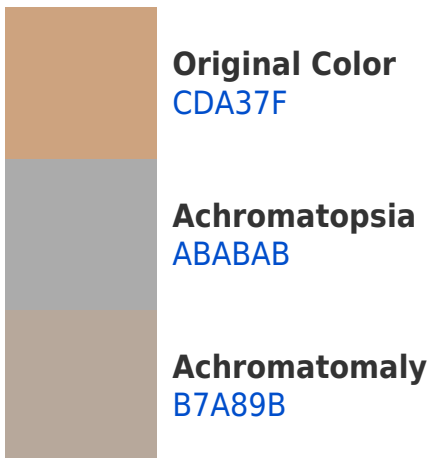


Tritanopia
D19DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDA37F 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 #CDA37F looks like.

```
.text, #text, p{  
    color:#CDA37F  
}
```

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 #CDA37F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA37F
}
```

Border

The CSS property to change the border of an element to Hex CDA37F 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
#CDA37F }
```

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

```
.border{ border-color:#CDA37F }
```

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

Here you see how a box with a 4 pixel #CDA37F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA37F; -webkit-box-shadow:4px 4px  
4px 4px #CDA37F; box-shadow:4px 4px 4px  
4px #CDA37F }
```

Background

The CSS property to change the background color of an element to Hex CDA37F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA37F }
```

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

```
.background{ background-color:#CDA37F }
```

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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