

# Converting Colors

Hex(CDA07D)

Have a look what the booklet for  
Hex(CDA07D) contains.

<b>Hex(CDA07D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CDA07D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDA07D
RGB	205, 160, 125
RGB Percent	80%, 63%, 49%
CMY	0.1961, 0.3725, 0.5098
CMYK	0.00, 0.22, 0.39, 0.20
HSL	26°, 44%, 65%
HSV	26°, 39%, 80%
XYZ	41.4493, 39.6014, 24.8613
YIQ	169.4650, 38.0550, -1.3450

# Conversions

## Conversions Part 2

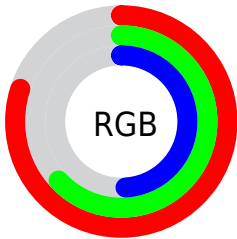
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 187, 125
Decimal	13475965
CIE Lab	69.18, 11.99, 24.63
CIE LCh	69, 27.393, 64.040
Yxy	39.6014, 0.3914, 0.3739
Android (android.graphics.Color)	4291666045 (0xFFCDA07D)
YUV	169.4650, -21.9212, 31.1642
Hunter-Lab	62.9297, 7.4441, 20.6274

# Details

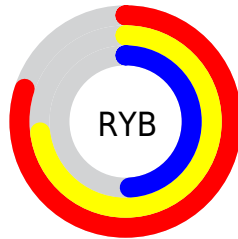
The Hex color **CDA07D** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7DAACD**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD7B2**, and **956C4C** is the 20% darker color. If you saturate the color by 10%, you get **CD9469**, and if you desaturate by 10%, it is **CDAC92**.

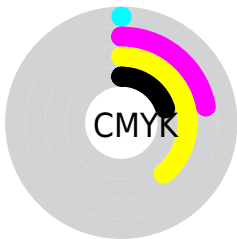
# Distribution



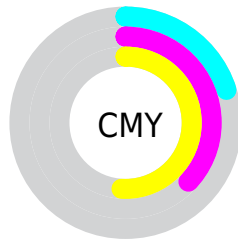
- Red (80%)
- Green (63%)
- Blue (49%)



- Red (80%)
- Yellow (73%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (39%)
- Black (20%)



- Cyan (20%)
- Magenta (37%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDA07D 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 CDA07D by changing the saturation by 10% instead.



 CDA07D

FFFFFF

 FFD7B2

 FFF3CD

 FFFFFEA

 CDA07D

 B18664

 956C4C

 7A5435

 603D1F

 472708

 2E1300

 130000

 000000

 CDA07D

 CDA07D

 CD9469

 CDAC92

 CD8954

 CDB7A6

 CD7D3F

 CDC3BB

 CD722B

 CDCECF

 CD6616

 CDDAE3

 CD5B02

 CDE5F8

 CD5A00

 CDF1FF

 CDFFCF

 CDFFFF

# Harmonies

## Analogous

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



D9998E



CDA07D



B7A877

# Triad

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



CDA07D



67B7AB



B1A1D2

# Complementary

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



CDA07D



7DAACD

# 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.



8EAADA



CDA07D



5DB6C4

# Square

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



CDA07D



80B592



6DB1D5



CC9ABF

# Rectangle

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



CDA07D



A6AE7B



6DB1D5



A6A4D6

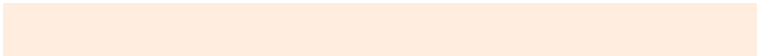


# Sweetspot

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



CDA07D



FFEEE0



CD7DAA



80756E



000000



808080



# Same Dimension

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



CDA07D



FFBC87



CDC87D



66605C



A64900



261100

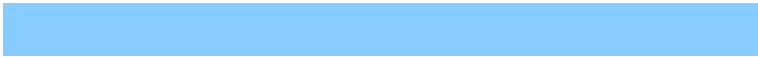


# Inverse Universe

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



7DAACD



87CBFF



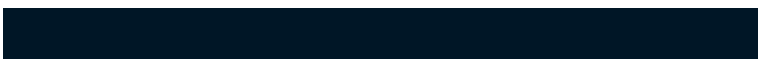
7D82CD



5C6266



005DA6



001626



# Previews

## White Background



This preview shows how the Hex color CDA07D looks on a white background.

## Color Contrast Check

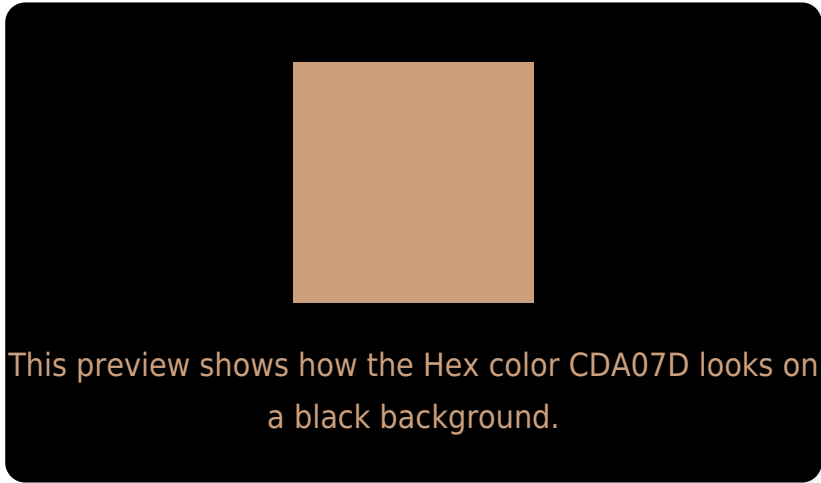
Large Text (above 18pt) WCAG AA × Fail

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

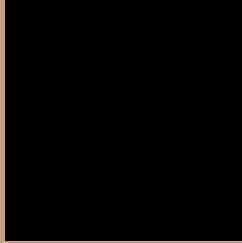
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDA07D Background



This preview shows how black text looks on a background with the Hex color CDA07D.

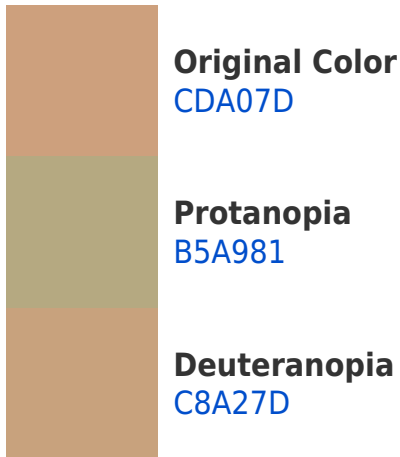



This preview shows how white text looks on a background with the Hex color CDA07D.

# 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](#).

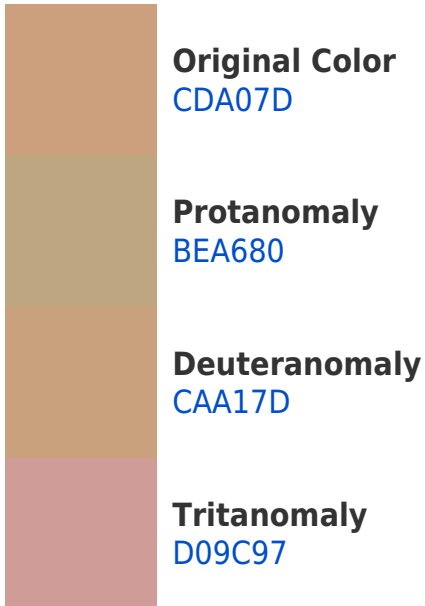
## Dichromacy



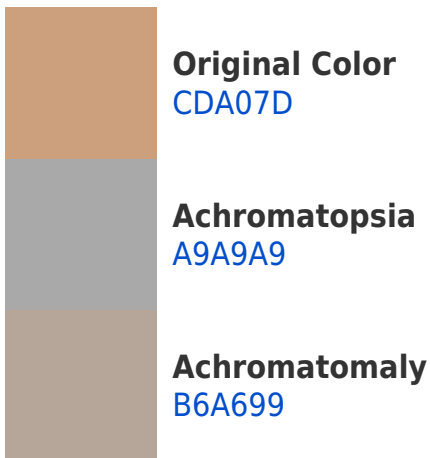


**Tritanopia**  
D19AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDA07D 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 #CDA07D looks like.

```
.text, #text, p{  
    color:#CDA07D  
}
```

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 #CDA07D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA07D
}
```

## Border

The CSS property to change the border of an element to Hex CDA07D 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
#CDA07D }
```

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

```
.border{ border-color:#CDA07D }
```

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

Here you see how a box with a 4 pixel #CDA07D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA07D; -webkit-box-shadow:4px 4px  
4px 4px #CDA07D; box-shadow:4px 4px 4px  
4px #CDA07D }
```

# Background

The CSS property to change the background color of an element to Hex CDA07D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA07D }
```

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

```
.background{ background-color:#CDA07D }
```

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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