

# Converting Colors

Hex(CDAA91)

Have a look what the booklet for  
Hex(CDAA91) contains.

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# **Color**

**Hex(CDAA91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">CDAA91</a>
RGB	<a href="#">205, 170, 145</a>
RGB Percent	<a href="#">80%, 67%, 57%</a>
CMY	<a href="#">0.1961, 0.3333, 0.4314</a>
CMYK	<a href="#">0.00, 0.17, 0.29, 0.20</a>
HSL	<a href="#">25°, 38%, 69%</a>
HSV	<a href="#">25°, 29%, 80%</a>
XYZ	<a href="#">44.6624, 43.7729, 32.8831</a>
YIQ	<a href="#">177.6150, 28.8850, -0.3550</a>

# Conversions

## Conversions Part 2

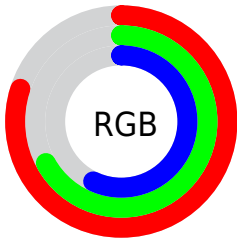
Format	Color
R <sub>Y</sub> B	205, 188, 145
Decimal	13478545
CIE Lab	72.08, 9.08, 17.67
CIE LCh	72, 19.869, 62.803
Yxy	43.7729, 0.3681, 0.3608
Android (android.graphics.Color)	4291668625 (0xFFCDAA91)
YUV	177.6150, -16.0792, 24.0166
Hunter-Lab	66.1611, 4.7154, 16.8447

# Details

The Hex color **CDAA91** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **91B4CD**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFE1C7**, and **96765E** is the 20% darker color. If you saturate the color by 10%, you get **CD9E7C**, and if you desaturate by 10%, it is **CDB6A6**.

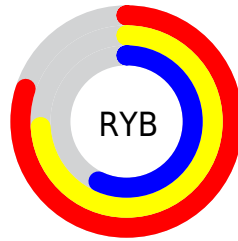
# Distribution



Red (80%)

Green (67%)

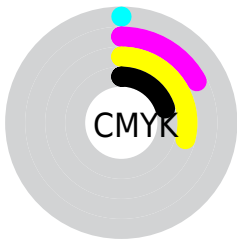
Blue (57%)



Red (80%)

Yellow (74%)

Blue (57%)

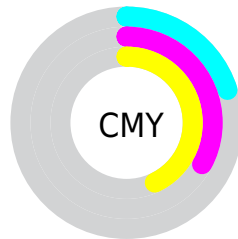


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (20%)



Cyan (20%)

Magenta (33%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDAA91 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 CDAA91 by changing the saturation by 10% instead.



 CDAA91

 CDAA91

FFFFFF

 B19077

 FFE1C7

 96765E

 FFFEE3

 7B5D47

 624630

 492F1B

 321A01

 1B0000

 000000

 CDAA91

 CDAA91

 CD9E7C

 CDB6A6

 CD9268

 CDC2BA

 CD8653

 CDCECF

 CD7A3F

 CDDAE3

 CD6E2A

 CDE6F8

 CD6216

 CDF2FF

 CD5601

 CDFFEF

 CD5500

 CDFFFF

# Harmonies

## Analogous

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



D6A59E



CDA491



BDB08D

# Triad

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



CDA A91



84B B2



B6A BCF

# Complementary

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



CDA91



91B4CD

# 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.



9EB2D5



CDA91



7FBAC4

# Square

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



CDA A91



94B A A0



89B 7D0



CAA 6C2

# Rectangle

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



CDA491



B0B48F



89B7D0



AEAED2



# Sweetspot

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



CDA A91



FF F2E8



CD 91B4



80 7771



00 0000



80 8080



# Same Dimension

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



CDA91



FFCBA6



CDC791



66605C



A64500



261000

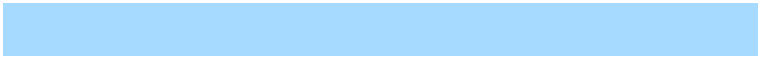


# Inverse Universe

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



91B4CD



A6DAFF



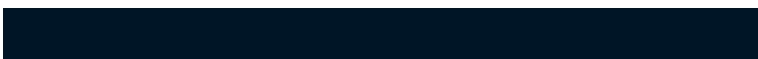
9196CD



5C6266



0061A6



001626



# Previews

## White Background



This preview shows how the Hex color CDAA91 looks on a white background.

## Color Contrast Check

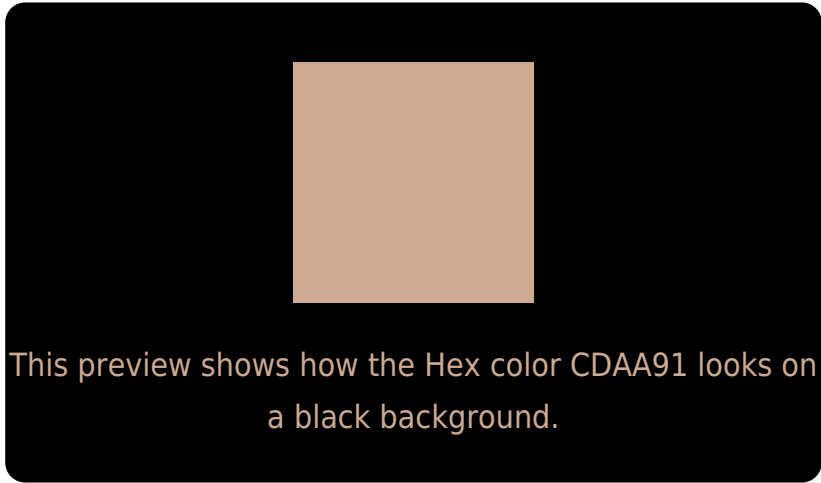
Large Text (above 18pt) WCAG AA × Fail

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

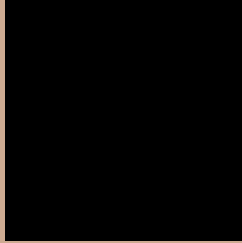
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDAA91 Background



This preview shows how black text looks on a background with the Hex color CDAA91.

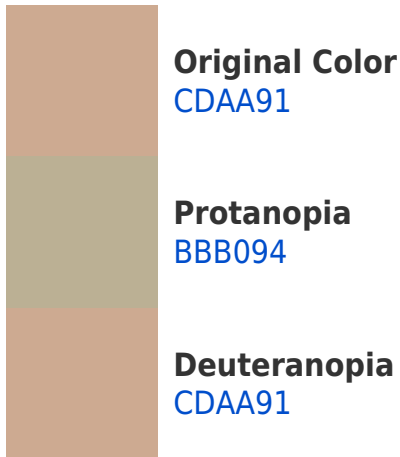


This preview shows how white text looks on a background with the Hex color CDAA91.

# 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](#).

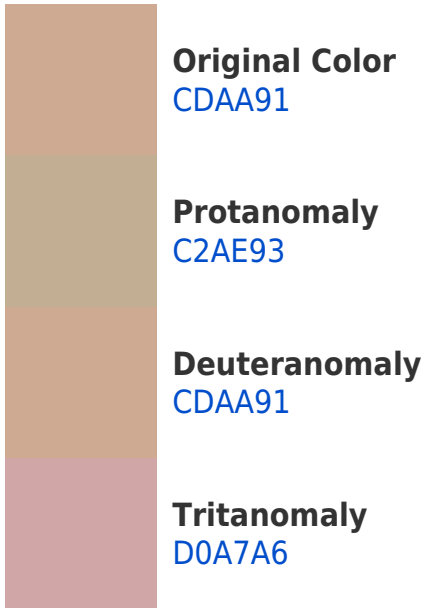
## Dichromacy



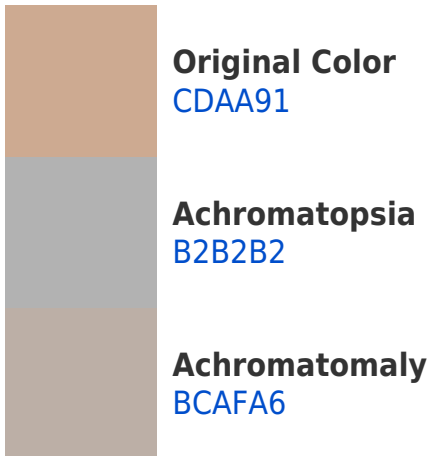


**Tritanopia**  
D1A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDAA91 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 #CDAA91 looks like.

```
.text, #text, p{  
    color:#CDAA91  
}
```

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 #CDAA91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDAA91
}
```

## Border

The CSS property to change the border of an element to Hex CDAA91 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
#CDAA91 }
```

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

```
.border{ border-color:#CDAA91 }
```

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

Here you see how a box with a 4 pixel #CDAA91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDAA91; -webkit-box-shadow:4px 4px  
4px 4px #CDAA91; box-shadow:4px 4px 4px  
4px #CDAA91 }
```

# Background

The CSS property to change the background color of an element to Hex CDAA91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDAA91 }
```

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

```
.background{ background-color:#CDAA91 }
```

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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