

# Converting Colors

Hex(CDB494)

Have a look what the booklet for  
Hex(CDB494) contains.

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**Color**

**Hex(CDB494)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDB494
RGB	205, 180, 148
RGB Percent	80%, 71%, 58%
CMY	0.1961, 0.2941, 0.4196
CMYK	0.00, 0.12, 0.28, 0.20
HSL	34°, 36%, 69%
HSV	34°, 28%, 80%
XYZ	46.8434, 47.7598, 34.7666
YIQ	183.8270, 25.1720, -4.6520

# Conversions

## Conversions Part 2

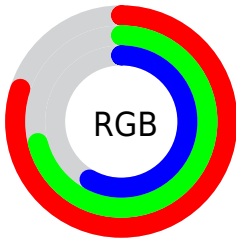
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 205, 148
Decimal	13481108
CIE <sub>Lab</sub>	74.67, 4.12, 19.63
CIE <sub>LCh</sub>	75, 20.061, 78.162
Yxy	47.7598, 0.3621, 0.3692
Android (android.graphics.Color)	4291671188 (0xFFCDB494)
YUV	183.8270, -17.6627, 18.5687
Hunter-Lab	69.1084, 0.0519, 18.5487

# Details

The Hex color **CDB494** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **94ADCD**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFECCA**, and **967F61** is the 20% darker color. If you saturate the color by 10%, you get **CDAB80**, and if you desaturate by 10%, it is **CDBDA9**.

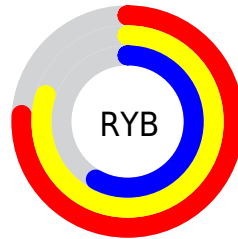
# Distribution



Red (80%)

Green (71%)

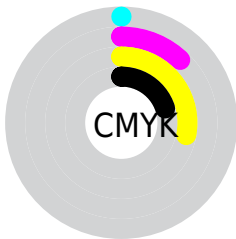
Blue (58%)



Red (76%)

Yellow (80%)

Blue (58%)

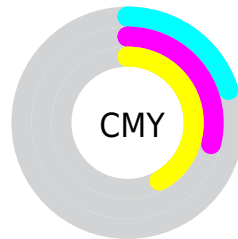


Cyan (0%)

Magenta (12%)

Yellow (28%)

Black (20%)



Cyan (20%)

Magenta (29%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDB494 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 CDB494 by changing the saturation by 10% instead.





CDB494



CDB494

FFFFFF



B1997A



FFECCA



967F61



FFFFE6



7C6649



624E32



49381D



322205



1B0D00



000000



CDB494



CDB494

 CDAB80

 CDBDA9

 CDA26B

 CDC6BD

 CD9957

 CDCFD2

 CD9042

 CDD8E6

 CD872E

 CDE1FB

 CD7E19

 CDEAFF

 CD7505

 CDF3FF

 CD7300

 CDFCFF

 CDFFFF

# Harmonies

## Analogous

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



DAAE9D



CDB494



BABA95

# Triad

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



CDB494



86C2C3



C8AFD0

# Complementary

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



CDB494



94ADCD

# 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.



B2B6DB



CDB494



89C0D3

# Square

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



CDB494



92C2B0



9ABCDB



D8ABC0

# Rectangle

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



CDB494



ACBE9A



9ABCDB



C1B1D5

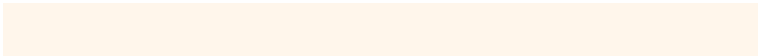


# Sweetspot

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



CDB494



FFF6EB



CD94AE



807A73



000000



808080



# Same Dimension

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



CDB494



FFDAAB



CACD94



66625C



A65D00



261500

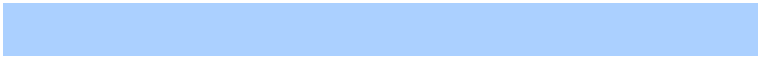


# Inverse Universe

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



94ADCD



ABD0FF



9794CD



5C6066



0049A6



001126



# Previews

## White Background



This preview shows how the Hex color CDB494 looks on a white background.

## Color Contrast Check

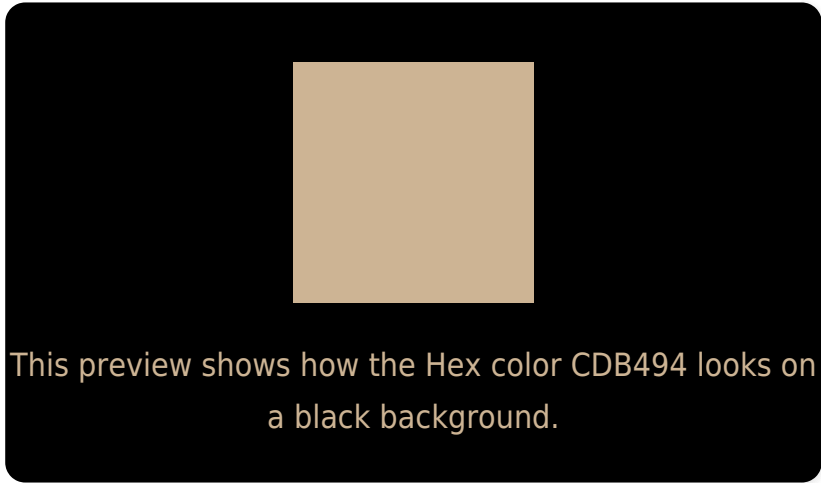
Large Text (above 18pt) WCAG AA × Fail

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

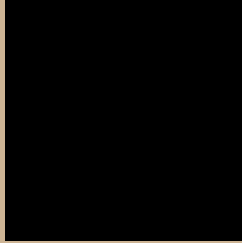
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

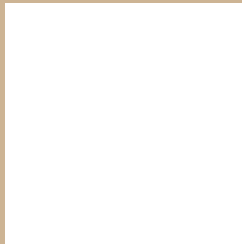
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDB494 Background



This preview shows how black text looks on a background with the Hex color CDB494.

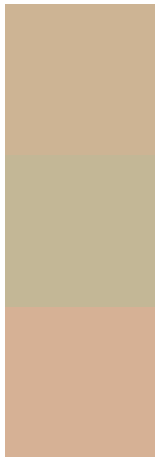


This preview shows how white text looks on a background with the Hex color CDB494.

# 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



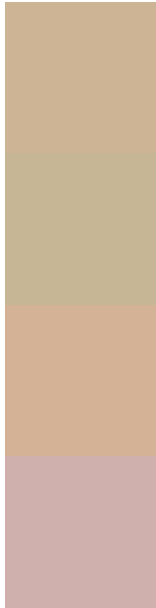
**Original Color**  
CDB494

**Protanopia**  
C3B796

**Deuteranopia**  
D6B195



# Trichromacy



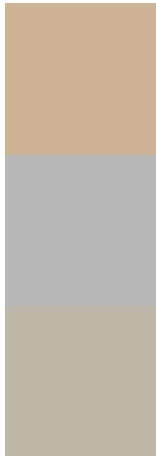
**Original Color**  
CDB494

**Protanomaly**  
C7B695

**Deuteranomaly**  
D3B295

**Tritanomaly**  
D0B0AD

# Monochromacy



**Original Color**  
CDB494

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
C0B7AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDB494 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 #CDB494 looks like.

```
.text, #text, p{  
    color:#CDB494  
}
```

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 #CDB494 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB494
}
```

## Border

The CSS property to change the border of an element to Hex CDB494 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
#CDB494 }
```

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

```
.border{ border-color:#CDB494 }
```

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

Here you see how a box with a 4 pixel #CDB494 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB494; -webkit-box-shadow:4px 4px  
4px 4px #CDB494; box-shadow:4px 4px 4px  
4px #CDB494 }
```

# Background

The CSS property to change the background color of an element to Hex CDB494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB494 }
```

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

```
.background{ background-color:#CDB494 }
```

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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