

Converting Colors

Hex(CDB493)

Have a look what the booklet for
Hex(CDB493) contains.

Hex(CDB493)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CDB493)

Conversions

Conversions Part 1

Format	Color
Hex	CDB493
RGB	205, 180, 147
RGB Percent	80%, 71%, 58%
CMY	0.1961, 0.2941, 0.4235
CMYK	0.00, 0.12, 0.28, 0.20
HSL	34°, 37%, 69%
HSV	34°, 28%, 80%
XYZ	46.7646, 47.7282, 34.3515
YIQ	183.7130, 25.4930, -4.9630

Conversions

Conversions Part 2

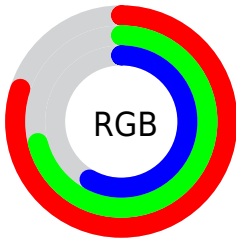
Format	Color
RYB	191, 205, 147
Decimal	13481107
CIELab	74.65, 3.98, 20.15
CIElCh	75, 20.536, 78.825
Yxy	47.7282, 0.3630, 0.3704
Android (android.graphics.Color)	4291671187 (0xFFCDB493)
YUV	183.7130, -18.0995, 18.6687
Hunter-Lab	69.0856, -0.0719, 18.8791

Details

The Hex color **CDB493** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **93ACCD**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFECC9**, and **967F60** is the 20% darker color. If you saturate the color by 10%, you get **CDAB7E**, and if you desaturate by 10%, it is **CDBDA8**.

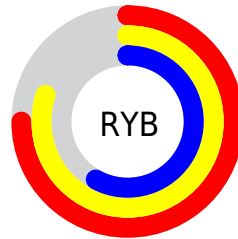
Distribution



Red (80%)

Green (71%)

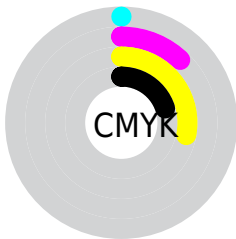
Blue (58%)



Red (75%)

Yellow (80%)

Blue (58%)

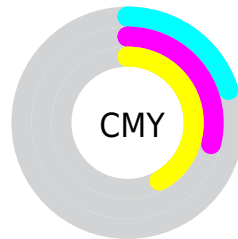


Cyan (0%)

Magenta (12%)

Yellow (28%)

Black (20%)



Cyan (20%)

Magenta (29%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDB493 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 CDB493 by changing the saturation by 10% instead.

 CDB493

 CDB493

FFFFFF

 B19979

 FFECC9

 967F60

 FFFFFE5

 7C6648

 624E31

 49381C

 322204

 1B0D00

 000000

 CDB493

 CDB493

 CDAB7E

 CDBDA8

 CDA26A

 CDC6BC

 CD9956

 CDCFD1

 CD9141

 CDD7E5

 CD882D

 CDE0FA

 CD7F18

 CDE9FF

 CD7604

 CDF2FF

 CD7500

 CDFBFF

 CDFFFF

Harmonies

Analogous

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



DBAE9C



CDB493



BABA94

Triad

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



CDB493



85C2C3



C9AFD1

Complementary

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



CDB493



93ACCD

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.



B2B5DB



CDB493



88C0D3

Square

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



CDB493



90C2B0



99BCDC



D9ABC0

Rectangle

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



CDB493



ABBE9A



99BCDC



C2B1D5

Sweetspot

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



CDB493



FFF6EB



CD93AC



807A73



000000



808080

Same Dimension

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



CDB493



FFDAA8



C9CD93



66625C



A65E00



261600

Inverse Universe

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



93ACCD



A8CEFF



9793CD



5C6066



0047A6



001026

Previews

White Background



This preview shows how the Hex color CDB493 looks on a white background.

Color Contrast Check

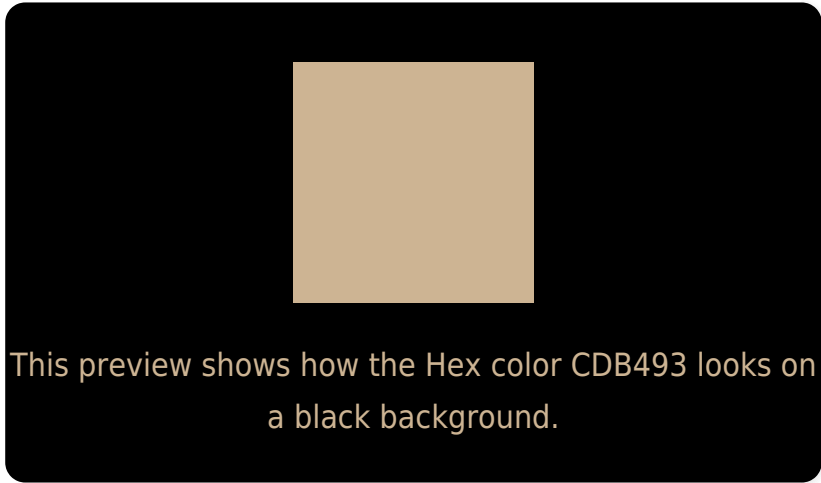
Large Text (above 18pt) WCAG AA × Fail

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 CDB493 Background



This preview shows how black text looks on a background with the Hex color CDB493.

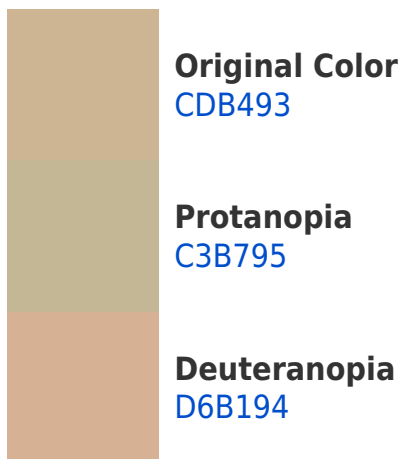


This preview shows how white text looks on a background with the Hex color CDB493.

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](#).

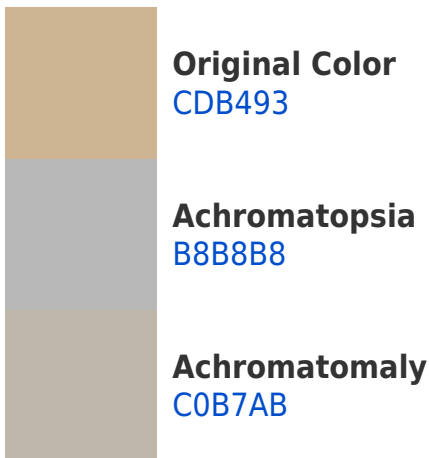
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDB493 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 #CDB493 looks like.

```
.text, #text, p{  
    color:#CDB493  
}
```

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 #CDB493 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB493
}
```

Border

The CSS property to change the border of an element to Hex CDB493 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
#CDB493 }
```

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

```
.border{ border-color:#CDB493 }
```

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

Here you see how a box with a 4 pixel #CDB493 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB493; -webkit-box-shadow:4px 4px  
4px 4px #CDB493; box-shadow:4px 4px 4px  
4px #CDB493 }
```

Background

The CSS property to change the background color of an element to Hex CDB493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB493 }
```

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

```
.background{ background-color:#CDB493 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor