

# Converting Colors

Hex(CBD494)

Have a look what the booklet for  
Hex(CBD494) contains.

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# **Color**

**Hex(CBD494)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBD494
RGB	203, 212, 148
RGB Percent	80%, 83%, 58%
CMY	0.2039, 0.1686, 0.4196
CMYK	0.04, 0.00, 0.30, 0.17
HSL	68°, 43%, 71%
HSV	68°, 30%, 83%
XYZ	53.5174, 61.9216, 37.1484
YIQ	202.0130, 15.1800, -21.8120

# Conversions

## Conversions Part 2

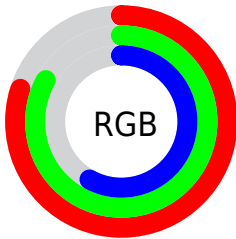
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">148, 212, 157</a>
Decimal	<a href="#">13358228</a>
CIELab	<a href="#">82.87, -13.29, 30.72</a>
CIELCh	<a href="#">83, 33.470, 113.401</a>
Yxy	<a href="#">61.9216, 0.3507, 0.4058</a>
Android (android.graphics.Color)	<a href="#">4291548308 (0xFFCBD494)</a>
YUV	<a href="#">202.0130, -26.6284, 0.8656</a>
Hunter-Lab	<a href="#">78.6903, -16.3099, 27.0934</a>

# Details

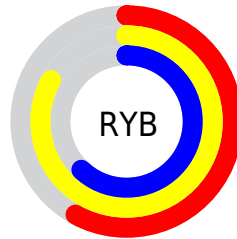
The Hex color **CBD494** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9D94D4**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFF9CB**, and **949D61** is the 20% darker color. If you saturate the color by 10%, you get **C8D47F**, and if you desaturate by 10%, it is **CED4A9**.

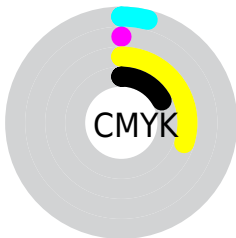
# Distribution



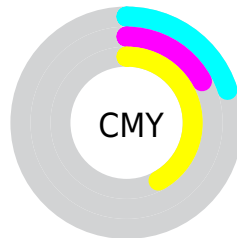
- Red (80%)
- Green (83%)
- Blue (58%)



- Red (58%)
- Yellow (83%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (30%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBD494 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 CBD494 by changing the saturation by 10% instead.



 CBD494

 CBD494

FFFFFF

 AFB87A

 FFFFCB

 949D61

 FFFFE7

 7A8348

 606A31

 48521A

 303B01

 1A2500

 001200

 000000

 CBD494

 CBD494

 C8D47F

 CED4A9

 C5D46A

 D1D4BE

 C2D454

 D4D4D4

 BFD43F

 D7D4E9

 BCD42A

 DAD4FE

 B9D415

 DDD4FF

 B6D400

 E0D4FF

 E3D4FF

 E6D4FF

# Harmonies

## Analogous

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



EBCA90



CBD494



A7DBA8

# Triad

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



CBD494



75DBFF



FFB8D7

# Complementary

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



CBD494



9D94D4

# Split Complementary

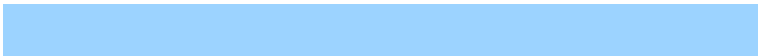
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F0BEF4



CBD494



9CD3FF

# Square

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



CBD494



6CDFE6



C9C9FF



FFB8B7

# Rectangle

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



CBD494



8FDEBB



C9C9FF



FFB9E1



# Sweetspot

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



CBD494



FCFFE8



D49D94



7E8071



000000



808080



# Same Dimension

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



CBD494



F2FFA3



ABD494



6A6B60



93AB00



252B00



# Inverse Universe

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



9D94D4



B0A3FF



BD94D4



62606B



1800AB



06002B



# Previews

## White Background



This preview shows how the Hex color CBD494 looks on a white background.

## Color Contrast Check

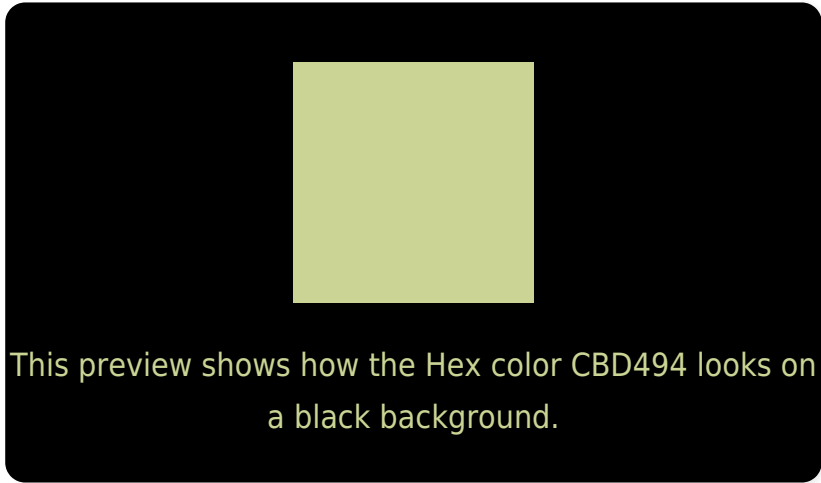
Large Text (above 18pt) WCAG AA × Fail

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

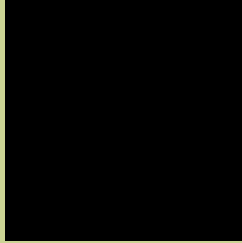
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBD494 Background



This preview shows how black text looks on a background with the Hex color CBD494.

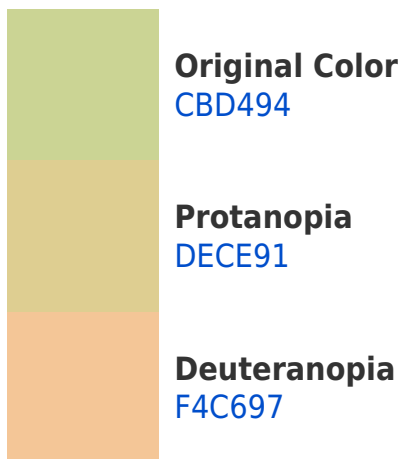



This preview shows how white text looks on a background with the Hex color CBD494.

# 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](#).

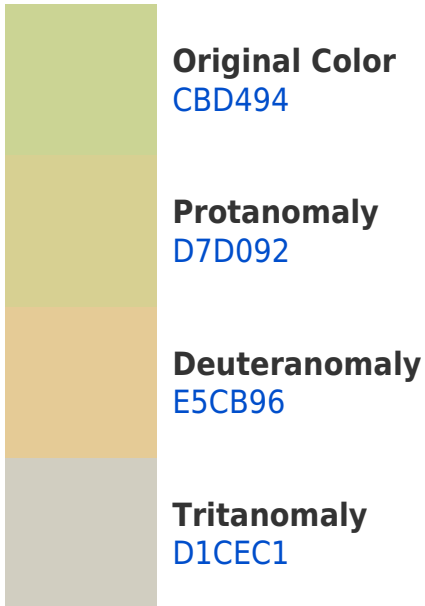
## Dichromacy



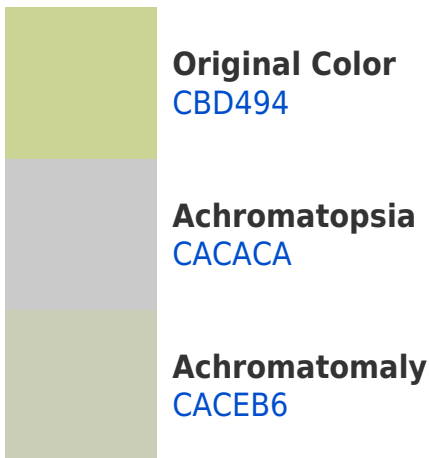


**Tritanopia**  
D4CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBD494 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 #CBD494 looks like.

```
.text, #text, p{  
    color:#CBD494  
}
```

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 #CBD494 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBD494
}
```

## Border

The CSS property to change the border of an element to Hex CBD494 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
#CBD494 }
```

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

```
.border{ border-color:#CBD494 }
```

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

Here you see how a box with a 4 pixel #CBD494 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBD494; -webkit-box-shadow:4px 4px  
4px 4px #CBD494; box-shadow:4px 4px 4px  
4px #CBD494 }
```

# Background

The CSS property to change the background color of an element to Hex CBD494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBD494 }
```

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

```
.background{ background-color:#CBD494 }
```

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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