

# Converting Colors

Hex(C2D09A)

Have a look what the booklet for  
Hex(C2D09A) contains.

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# **Color**

**Hex(C2D09A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2D09A
RGB	194, 208, 154
RGB Percent	76%, 82%, 60%
CMY	0.2392, 0.1843, 0.3961
CMYK	0.07, 0.00, 0.26, 0.18
HSL	76°, 36%, 71%
HSV	76°, 26%, 82%
XYZ	50.6367, 58.9142, 39.2746
YIQ	197.6580, 8.9900, -19.7620

# Conversions

## Conversions Part 2

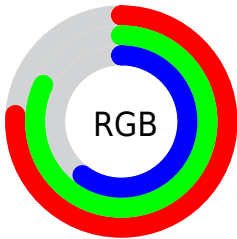
Format	Color
<a href="#">RYB</a>	<a href="#">154, 208, 168</a>
Decimal	<a href="#">12767386</a>
CIELab	<a href="#">81.24, -13.82, 25.29</a>
CIElCh	<a href="#">81, 28.825, 118.657</a>
Yxy	<a href="#">58.9142, 0.3402, 0.3959</a>
Android (android.graphics.Color)	<a href="#">4290957466</a> ( <a href="#">0xFFC2D09A</a> )
YUV	<a href="#">197.6580, -21.5234, -3.2081</a>
Hunter-Lab	<a href="#">76.7556, -16.5633, 23.3912</a>

# Details

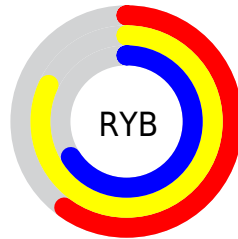
The Hex color **C2D09A** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A89AD0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FBFFD1**, and **8C9A66** is the 20% darker color. If you saturate the color by 10%, you get **BDD085**, and if you desaturate by 10%, it is **C7D0AF**.

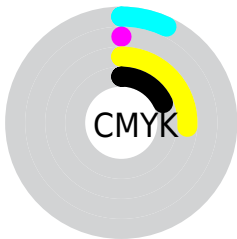
# Distribution



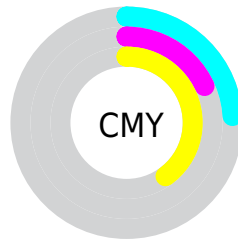
- Red (76%)
- Green (82%)
- Blue (60%)



- Red (60%)
- Yellow (82%)
- Blue (66%)



- Cyan (7%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2D09A 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 C2D09A by changing the saturation by 10% instead.



 C2D09A

 C2D09A

FFFFFF

 A7B480

 FBFFD1

 8C9A66

 FFFFED

 72804E

 596737

 414F20

 2A380A

 152200

 000900

 000000

 C2D09A

 C2D09A

 BDD085

 C7D0AF

 B7D070

 CDD0C4

 B2D05C

 D2D0D8

 ACD047

 D8D0ED

 A7D032

 DDD0FF

 A2D01D

 E2D0FF

 9CD008

 E8D0FF

 9AD000

 EDD0FF

 F3D0FF

# Harmonies

## Analogous

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



DFC894



C2D09A



A3D6AD

# Triad

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



C2D09A



86D4F7



FDB6CC

# Complementary

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



C2D09A



A89AD0

# 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.



EBBBE6



C2D09A



A7CDFE

# Square

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



C2D09A



7AD8E3



CCC3F9



FFB8B1

# Rectangle

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



C2D09A



90D8BE



CCC3F9



F9B7D5

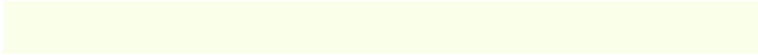


# Sweetspot

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



C2D09A



FAFFEB



D0A79A



7C8073



000000



808080

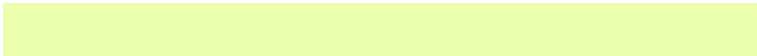


# Same Dimension

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



C2D09A



EBFFB0



A7D09A



66695E



7DA800



1E2900



# Inverse Universe

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



A89AD0



C4B0FF



C39AD0



615E69



2C00A8

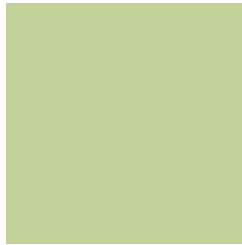


0B0029



# Previews

## White Background



This preview shows how the Hex color C2D09A 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



This preview shows how the Hex color C2D09A looks on a 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 C2D09A Background



This preview shows how black text looks on a background with the Hex color C2D09A.

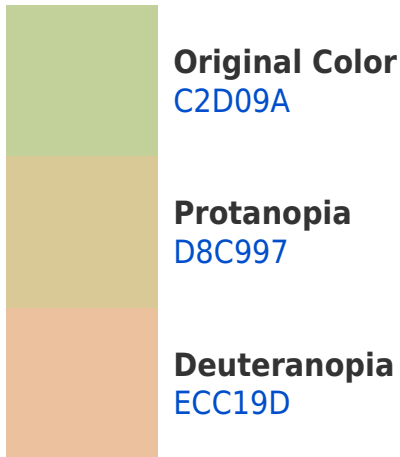


This preview shows how white text looks on a background with the Hex color C2D09A.

# Color Blindness Simulation

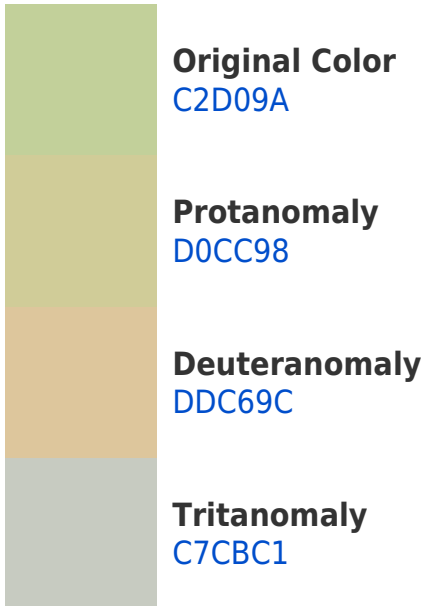
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

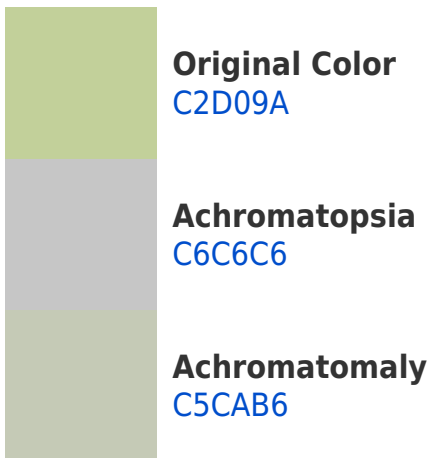




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2D09A 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 #C2D09A looks like.

```
.text, #text, p{  
    color:#C2D09A  
}
```

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 #C2D09A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D09A
}
```

## Border

The CSS property to change the border of an element to Hex C2D09A 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
#C2D09A }
```

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

```
.border{ border-color:#C2D09A }
```

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

Here you see how a box with a 4 pixel `#C2D09A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D09A; -webkit-box-shadow:4px 4px  
4px 4px #C2D09A; box-shadow:4px 4px 4px  
4px #C2D09A }
```

# Background

The CSS property to change the background color of an element to Hex C2D09A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D09A }
```

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

```
.background{ background-color:#C2D09A }
```

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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