

# Converting Colors

Hex(D5D09C)

Have a look what the booklet for  
Hex(D5D09C) contains.

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# **Color**

**Hex(D5D09C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5D09C
RGB	213, 208, 156
RGB Percent	84%, 82%, 61%
CMY	0.1647, 0.1843, 0.3882
CMYK	0.00, 0.02, 0.27, 0.16
HSL	55°, 40%, 72%
HSV	55°, 27%, 84%
XYZ	55.9972, 61.6582, 40.4023
YIQ	203.5670, 19.6720, -15.1120

# Conversions

## Conversions Part 2

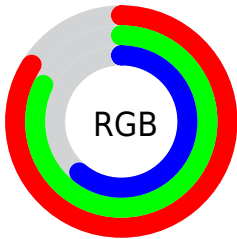
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">161, 213, 156</a>
Decimal	<a href="#">14012572</a>
CIELab	<a href="#">82.73, -6.41, 26.51</a>
CIELCh	<a href="#">83, 27.271, 103.587</a>
Yxy	<a href="#">61.6582, 0.3543, 0.3901</a>
Android (android.graphics.Color)	<a href="#">4292202652 (0xFFD5D09C)</a>
YUV	<a href="#">203.5670, -23.4505, 8.2727</a>
Hunter-Lab	<a href="#">78.5227, -10.1204, 24.4594</a>

# Details

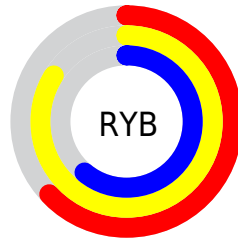
The Hex color **D5D09C** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9CA1D5**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFFD3**, and **9E9A68** is the 20% darker color. If you saturate the color by 10%, you get **D5CE87**, and if you desaturate by 10%, it is **D5D2B1**.

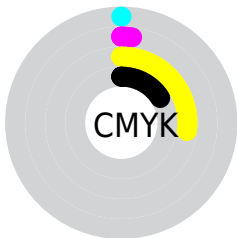
# Distribution



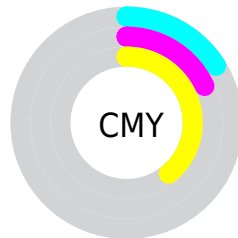
- Red (84%)
- Green (82%)
- Blue (61%)



- Red (63%)
- Yellow (84%)
- Blue (61%)



- Cyan (0%)
- Magenta (2%)
- Yellow (27%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5D09C 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 D5D09C by changing the saturation by 10% instead.



 D5D09C

 D5D09C

FFFFFF

 B9B482

 FFFFD3

 9E9A68

 FFFFEF

 838050

 696738

 504F22

 39380C

 232300

 000E00

 000000

 D5D09C

 D5D09C

 D5CE87

 D5D2B1

 D5CC71

 D5D4C7

 D5CA5C

 D5D6DC

 D5C947

 D5D7F1

 D5C731

 D5D9FF

 D5C51C

 D5DBFF

 D5C307

 D5DDFF

 D5C200

 D5DFFF

 D5E1FF

# Harmonies

## Analogous

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



EEC79D



D5D09C



B8D7A8

# Triad

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



D5D09C



87DAF0



F8BDDD

# Complementary

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



D5D09C



9CA1D5

# 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.



E0C3F3



D5D09C



9DD4FE

# Square

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



D5D09C



87DDD9



BFCFF



FFBCC3

# Rectangle

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



D5D09C



A5DAB6



BFCCFF



F2BFE5



# Sweetspot

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



D5D09C



FFFDEB



D59CA2



807E73



000000



808080



# Same Dimension

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



D5D09C



FFF8AD



BED59C



6B6A60



AB9C00



2B2800



# Inverse Universe

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



9CA1D5



ADB5FF



B39CD5



60616B



000FAB

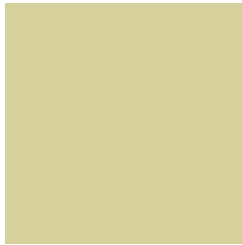


00042B



# Previews

## White Background



This preview shows how the Hex color D5D09C looks on a white background.

## Color Contrast Check

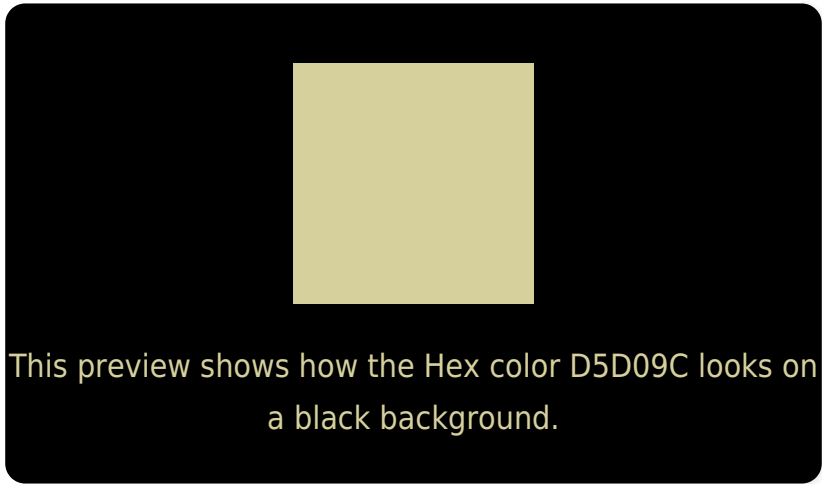
Large Text (above 18pt) WCAG AA × Fail

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

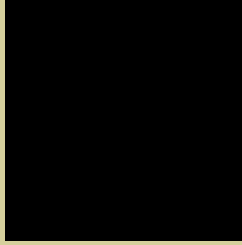
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

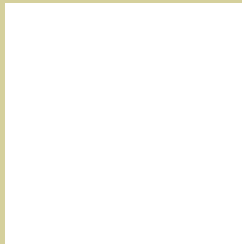
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D5D09C Background



This preview shows how black text looks on a background with the Hex color D5D09C.

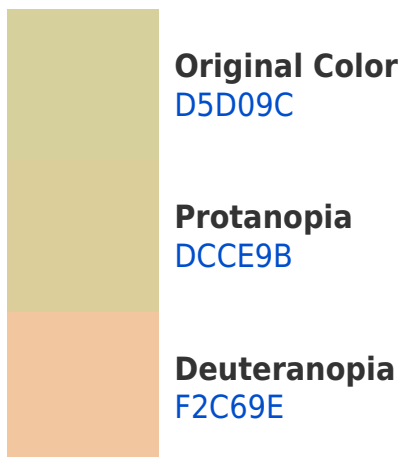


This preview shows how white text looks on a background with the Hex color D5D09C.

# 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](#).

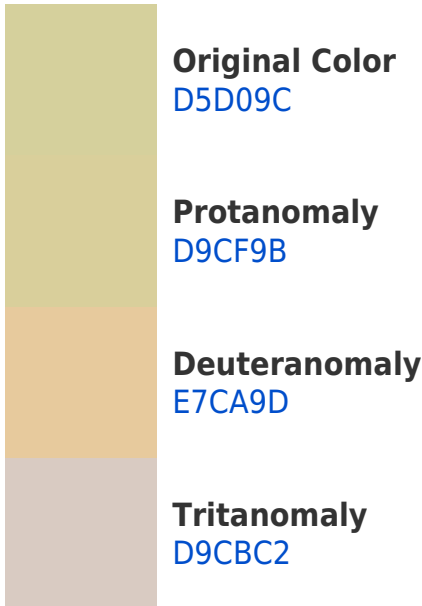
## Dichromacy





**Tritanopia**  
DCC8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5D09C 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 #D5D09C looks like.

```
.text, #text, p{  
    color:#D5D09C  
}
```

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 #D5D09C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5D09C
}
```

## Border

The CSS property to change the border of an element to Hex D5D09C 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
#D5D09C }
```

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

```
.border{ border-color:#D5D09C }
```

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

Here you see how a box with a 4 pixel #D5D09C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5D09C; -webkit-box-shadow:4px 4px  
4px 4px #D5D09C; box-shadow:4px 4px 4px  
4px #D5D09C }
```

# Background

The CSS property to change the background color of an element to Hex D5D09C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5D09C }
```

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

```
.background{ background-color:#D5D09C }
```

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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