

# Converting Colors

Hex(D9CBA5)

Have a look what the booklet for  
Hex(D9CBA5) contains.

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# **Color**

**Hex(D9CBA5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D9CBA5
RGB	217, 203, 165
RGB Percent	85%, 80%, 65%
CMY	0.1490, 0.2039, 0.3529
CMYK	0.00, 0.06, 0.24, 0.15
HSL	44°, 41%, 75%
HSV	44°, 24%, 85%
XYZ	56.7627, 60.1802, 44.2215
YIQ	202.8540, 20.5420, -8.8500

# Conversions

## Conversions Part 2

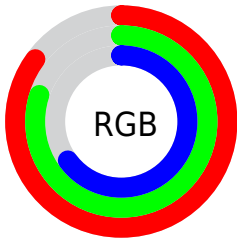
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 217, 165
Decimal	14273445
CIELab	81.94, -1.08, 20.74
CIElCh	82, 20.772, 92.972
Yxy	60.1802, 0.3522, 0.3734
Android (android.graphics.Color)	4292463525 (0xFFD9CBA5)
YUV	202.8540, -18.6620, 12.4060
Hunter-Lab	77.5759, -5.1483, 20.5053

# Details

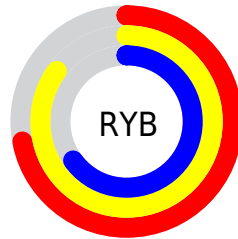
The Hex color **D9CBA5** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A5B3D9**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFFDC**, and **A29571** is the 20% darker color. If you saturate the color by 10%, you get **D9C58F**, and if you desaturate by 10%, it is **D9D1BB**.

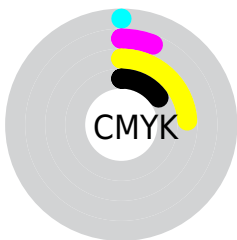
# Distribution



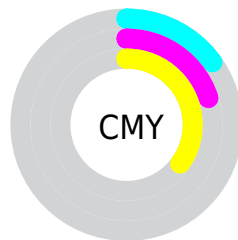
- Red (85%)
- Green (80%)
- Blue (65%)



- Red (72%)
- Yellow (85%)
- Blue (65%)



- Cyan (0%)
- Magenta (6%)
- Yellow (24%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9CBA5 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 D9CBA5 by changing the saturation by 10% instead.



 D9CBA5

FFFFFF

 FFFFDC

 FFFFF9

 D9CBA5

 BDB08B

 A29571

 877B58

 6D6241

 544B2A

 3C3415

 271F00

 080800

 000000

 D9CBA5

 D9CBA5

 D9C58F

 D9D1BB

 D9BF7A

 D9D7D0

 D9B964

 D9DDE6

 D9B44E

 D9E2FC

 D9AE39

 D9E8FF

 D9A823

 D9EEFF

 D9A20D

 D9F4FF

 D99F00

 D9FAFF

 D9FFFF

# Harmonies

## Analogous

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



EAC5AA



D9CBA5



C3D1AB

# Triad

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



D9CBA5



97D6E0



E7C1DE

# Complementary

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



D9CBA5



A5B3D9

# 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.



D2C6EC



D9CBA5



A2D3EE

# Square

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



D9CBA5



9DD7CD



B8CDF2



F3BECA

# Rectangle

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



D9CBA5



B4D4B4



B8CDF2



E1C2E3



# Sweetspot

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



D9CBA5



FFFAED



D9A5B4



807D75



000000



808080



# Same Dimension

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



D9CBA5



FFEBB5



CED9A5



6E6B63



AD7F00



2E2200



# Inverse Universe

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



A5B3D9



B5C9FF



B0A5D9



63666E



002FAD



000C2E



# Previews

## White Background



This preview shows how the Hex color D9CBA5 looks on a white background.

## Color Contrast Check

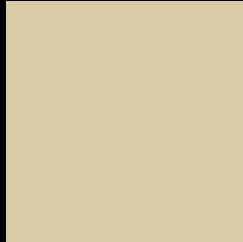
Large Text (above 18pt) WCAG AA × Fail

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 D9CBA5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

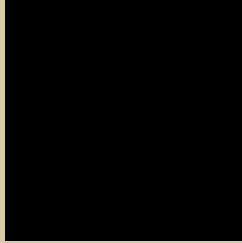
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D9CBA5 Background



This preview shows how black text looks on a background with the Hex color D9CBA5.

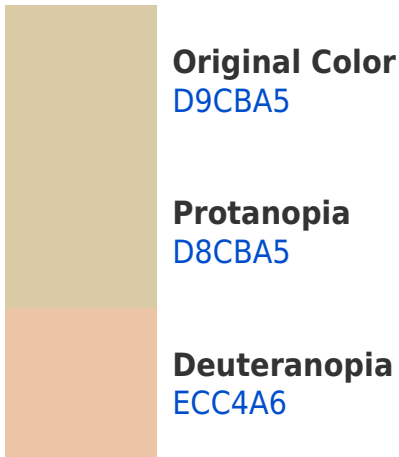


This preview shows how white text looks on a background with the Hex color D9CBA5.

# 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](#).

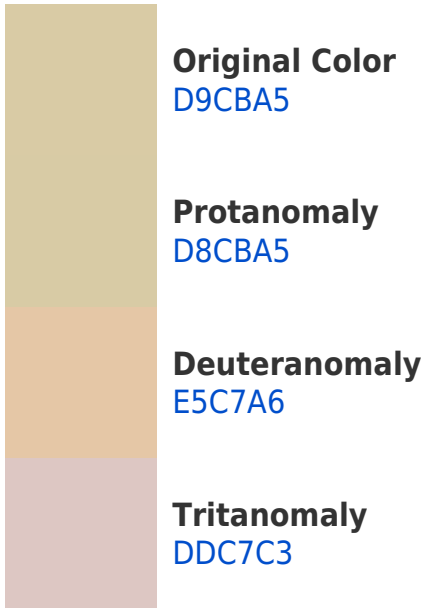
## Dichromacy



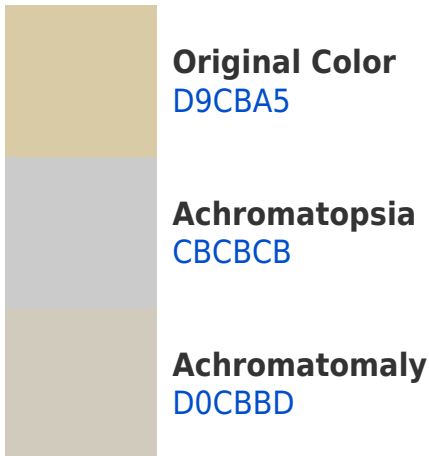


**Tritanopia**  
DFC5D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9CBA5 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 #D9CBA5 looks like.

```
.text, #text, p{  
    color:#D9CBA5  
}
```

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 #D9CBA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9CBA5
}
```

## Border

The CSS property to change the border of an element to Hex D9CBA5 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
#D9CBA5 }
```

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

```
.border{ border-color:#D9CBA5 }
```

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

Here you see how a box with a 4 pixel #D9CBA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9CBA5; -webkit-box-shadow:4px 4px  
4px 4px #D9CBA5; box-shadow:4px 4px 4px  
4px #D9CBA5 }
```

# Background

The CSS property to change the background color of an element to Hex D9CBA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9CBA5 }
```

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

```
.background{ background-color:#D9CBA5 }
```

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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