

# Converting Colors

Hex(DDC49C)

Have a look what the booklet for  
Hex(DDC49C) contains.

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# **Color**

**Hex(DDC49C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDC49C
RGB	221, 196, 156
RGB Percent	87%, 77%, 61%
CMY	0.1333, 0.2314, 0.3882
CMYK	0.00, 0.11, 0.29, 0.13
HSL	37°, 49%, 74%
HSV	37°, 29%, 87%
XYZ	55.5595, 57.2523, 39.5750
YIQ	198.9150, 27.7400, -7.1400

# Conversions

## Conversions Part 2

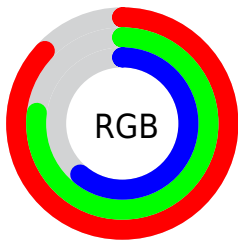
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">197, 221, 156</a>
Decimal	<a href="#">14533788</a>
CIELab	<a href="#">80.32, 2.89, 23.34</a>
CIElCh	<a href="#">80, 23.518, 82.950</a>
Yxy	<a href="#">57.2523, 0.3646, 0.3757</a>
Android (android.graphics.Color)	<a href="#">4292723868 (0xFFDDC49C)</a>
YUV	<a href="#">198.9150, -21.1571, 19.3685</a>
Hunter-Lab	<a href="#">75.6653, -1.3452, 21.9554</a>

# Details

The Hex color **DDC49C** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9CB5DD**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFDD3**, and **A58E69** is the 20% darker color. If you saturate the color by 10%, you get **DDBC86**, and if you desaturate by 10%, it is **DDCDB2**.

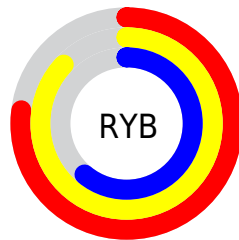
# Distribution



Red (87%)

Green (77%)

Blue (61%)



Red (77%)

Yellow (87%)

Blue (61%)

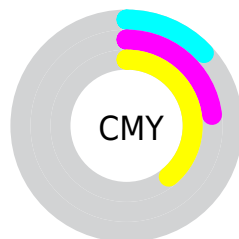


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (13%)



Cyan (13%)

Magenta (23%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDC49C 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 DDC49C by changing the saturation by 10% instead.



 DDC49C

FFFFFF

 FFFDD3

 FFFFEF

 DDC49C

 C1A982

 A58E69

 8A7550

 705C39

 574523

 3E2F0D

 281A00

 090000

 000000

 DDC49C

 DDC49C

 DDBC86

 DDCDB2

 DDB370

 DDD5C8

 DDAB5A

 DDEDE

 DDA244

 DDE6F4

 DD9A2E

 DDEFFF

 DD9117

 DDF7FF

 DD8901

 DDFFFF

 DD8800

# Harmonies

## Analogous

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



EEBDA5



DDC49C



C6CB9F

# Triad

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



DDC49C



8BD4D8



DFBCE2

# Complementary

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



DDC49C



9CB5DD

# 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.



C4C3F0



DDC49C



90D1EA

# Square

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



DDC49C



97D4C1



A7CBF2



F0B8CD

# Rectangle

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



DDC49C



B5CFA7



A7CBF2



D7BFE7



# Sweetspot

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



DDC49C



FFF6E8



DD9CB6



807A71



000000



808080



# Same Dimension

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



DDC49C



FFDA6



D7DD9C



6E6963



AD6B00



2E1C00



# Inverse Universe

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



9CB5DD



A6C8FF



A39CDD



63676E



0043AD



00122E



# Previews

## White Background



This preview shows how the Hex color DDC49C 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 DDC49C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

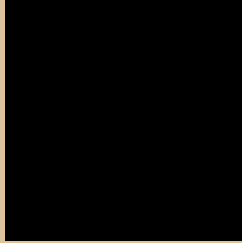
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DDC49C Background



This preview shows how black text looks on a background with the Hex color DDC49C.

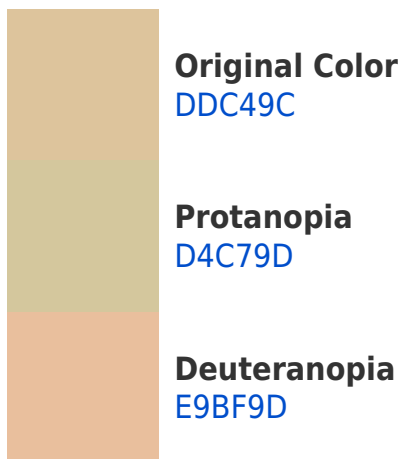


This preview shows how white text looks on a background with the Hex color DDC49C.

# Color Blindness Simulation

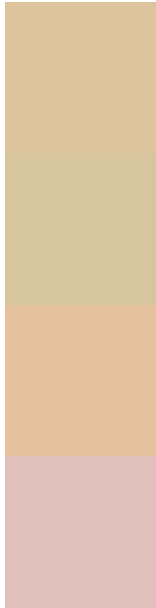
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



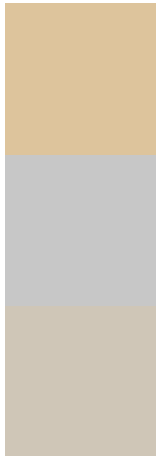
**Original Color**  
DDC49C

**Protanomaly**  
D7C69D

**Deuteranomaly**  
E5C19D

**Tritanomaly**  
E1C0BB

# Monochromacy



**Original Color**  
DDC49C

**Achromatopsia**  
C7C7C7

**Achromatomaly**  
CFC6B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDC49C 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 #DDC49C looks like.

```
.text, #text, p{  
    color:#DDC49C  
}
```

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 #DDC49C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDC49C
}
```

## Border

The CSS property to change the border of an element to Hex DDC49C 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
#DDC49C }
```

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

```
.border{ border-color:#DDC49C }
```

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

Here you see how a box with a 4 pixel #DDC49C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDC49C; -webkit-box-shadow:4px 4px  
4px 4px #DDC49C; box-shadow:4px 4px 4px  
4px #DDC49C }
```

# Background

The CSS property to change the background color of an element to Hex DDC49C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDC49C }
```

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

```
.background{ background-color:#DDC49C }
```

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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