

Converting Colors

Hex(DDCA99)

Have a look what the booklet for
Hex(DDCA99) contains.

Hex(DDCA99)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DDCA99)

Conversions

Conversions Part 1

Format	Color
Hex	DDCA99
RGB	221, 202, 153
RGB Percent	87%, 79%, 60%
CMY	0.1333, 0.2078, 0.4000
CMYK	0.00, 0.09, 0.31, 0.13
HSL	43°, 50%, 73%
HSV	43°, 31%, 87%
XYZ	56.6891, 59.9131, 38.7135
YIQ	202.0950, 27.0530, -11.2110

Conversions

Conversions Part 2

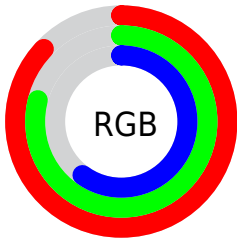
Format	Color
R _{YB}	179, 221, 153
Decimal	14535321
CIE _{Lab}	81.79, -0.63, 26.92
CIE _{LCh}	82, 26.925, 91.349
Y _{xy}	59.9131, 0.3650, 0.3858
Android (android.graphics.Color)	4292725401 (0xFFDDCA99)
Y _{UV}	202.0950, -24.2038, 16.5797
Hunter-Lab	77.4036, -4.7258, 24.5285

Details

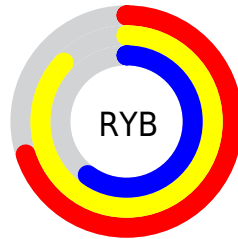
The Hex color **DDCA99** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **99ACDD**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFD0**, and **A59466** is the 20% darker color. If you saturate the color by 10%, you get **DDC483**, and if you desaturate by 10%, it is **DDD0AF**.

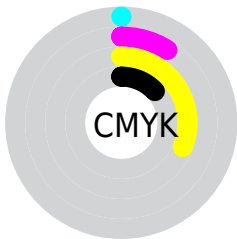
Distribution



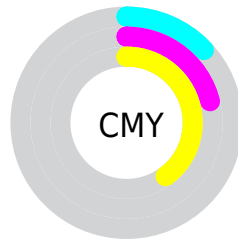
- Red (87%)
- Green (79%)
- Blue (60%)



- Red (70%)
- Yellow (87%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (31%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDCA99 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 DDCA99 by changing the saturation by 10% instead.

 DDCA99

 DDCA99

FFFFFF

 C1AF7F

 FFFFD0

 A59466

 FFFFEC

 8A7A4D

 706236

 574A1F

 3E3309

 271E00

 080700

 000000

 DDCA99

 DDCA99

 DDC483

 DDD0AF

 DDBE6D

 DDD6C5

 DDB757

 DDDDDDB

 DDB141

 DDE3F1

 DDAB2B

 DDE9FF

 DDA514

 DDEFFF

 DD9F00

 DDF5FF

 DDFBFF

 DDFFFF

Harmonies

Analogous

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



F3C2A0



DDCA99



C2D2A0

Triad

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



DDCA99



83D9E5



EDBDE4

Complementary

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



DDCA99



99ACDD

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.



D1C4F6



DDCA99



90D4F7

Square

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



DDCA99



8CDACC



AECDFD



FDB9CB

Rectangle

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



DDCA99



AED6AB



AECDFD



E5BFEB

Sweetspot

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



DDCA99



FFF9E8



DD99AC



807C71



000000



808080

Same Dimension

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



DDCA99



FFE5A1



CEDD99



6E6B63



AD7D00



2E2100

Inverse Universe

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



99ACDD



A1BBFF



A899DD



63666E



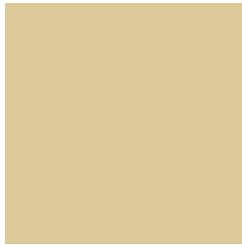
0030AD



000D2E

Previews

White Background



This preview shows how the Hex color DDCA99 looks on a white background.

Color Contrast Check

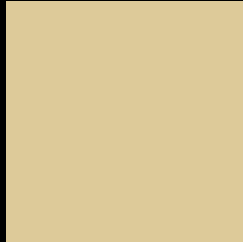
Large Text (above 18pt) WCAG AA × Fail

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 DDCA99 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

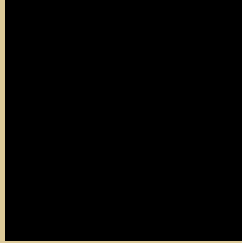
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

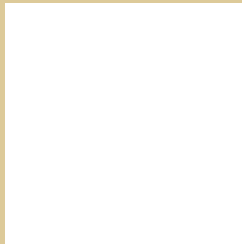
Any Text WCAG AAA ✓ Pass

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

Hex DDCA99 Background



This preview shows how black text looks on a background with the Hex color DDCA99.

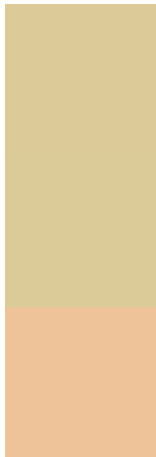


This preview shows how white text looks on a background with the Hex color DDCA99.

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



Original Color
DDCA99

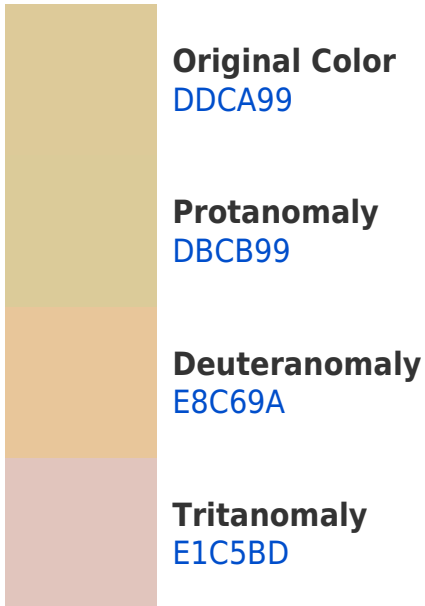
Protanopia
DACB99

Deuteranopia
EFC39A

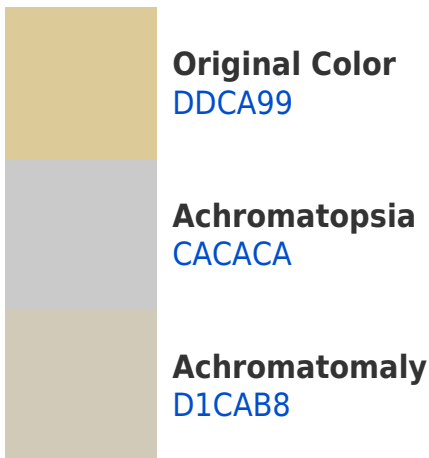


Tritanopia
E4C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDCA99 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 #DDCA99 looks like.

```
.text, #text, p{  
    color:#DDCA99  
}
```

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 #DDCA99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDCA99
}
```

Border

The CSS property to change the border of an element to Hex DDCA99 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
#DDCA99 }
```

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

```
.border{ border-color:#DDCA99 }
```

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

Here you see how a box with a 4 pixel #DDCA99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDCA99; -webkit-box-shadow:4px 4px  
4px 4px #DDCA99; box-shadow:4px 4px 4px  
4px #DDCA99 }
```

Background

The CSS property to change the background color of an element to Hex DDCA99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDCA99 }
```

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

```
.background{ background-color:#DDCA99 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor