

# Converting Colors

Hex(DCCE84)

Have a look what the booklet for  
Hex(DCCE84) contains.

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# **Color**

**Hex(DCCE84)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCCE84
RGB	220, 206, 132
RGB Percent	86%, 81%, 52%
CMY	0.1373, 0.1922, 0.4824
CMYK	0.00, 0.06, 0.40, 0.14
HSL	50°, 56%, 69%
HSV	50°, 40%, 86%
XYZ	55.7514, 61.0242, 30.6702
YIQ	201.7500, 32.0980, -20.0460

# Conversions

## Conversions Part 2

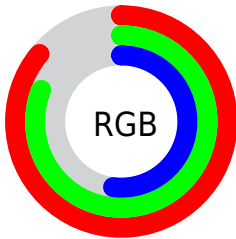
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 220, 132
Decimal	14470788
CIELab	82.39, -5.56, 38.54
CIELCh	82, 38.936, 98.206
Yxy	61.0242, 0.3781, 0.4139
Android (android.graphics.Color)	4292660868 (0xFFDCCE84)
YUV	201.7500, -34.3867, 16.0053
Hunter-Lab	78.1180, -9.3143, 31.4045

# Details

The Hex color **DCCE84** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8492DC**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFBA**, and **A49851** is the 20% darker color. If you saturate the color by 10%, you get **DCCB6E**, and if you desaturate by 10%, it is **DCD29A**.

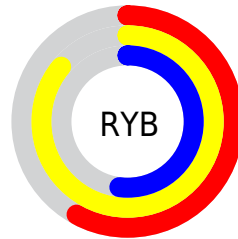
# Distribution



Red (86%)

Green (81%)

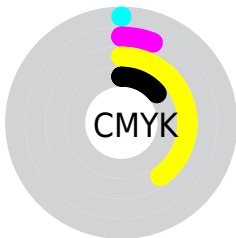
Blue (52%)



Red (58%)

Yellow (86%)

Blue (52%)

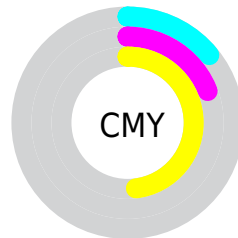


Cyan (0%)

Magenta (6%)

Yellow (40%)

Black (14%)



Cyan (14%)

Magenta (19%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCCE84 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 DCCE84 by changing the saturation by 10% instead.



 DCCE84

 DCCE84

FFFFFF

 BFB36A

 FFFFBA

 A49851

 FFFFD6

 887E39

 FFFFF3

 6E6520

 544D06

 3C3700

 232200

 000C00

 000000

 DCCE84

 DCCE84

 DCCB6E

 DCD29A

 DCC758

 DCD5B0

 DCC342

 DCD9C6

 DCC02C

 DCDCDC

 DCBC16

 DCE0F2

 DCB900

 DCE3FF

 DCE7FF

 DCEAFF

 DCEEFF

# Harmonies

## Analogous

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



FDC28A



DCCE84



B4D892

# Triad

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



DCCE84



4BDFF9



FFB5E9

# Complementary

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



DCCE84



8492DC

# 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.



DFC0FF



DCCE84



71D8FF

# Square

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



DCCE84



5DE1D6



AACDFF



FFB1C4

# Rectangle

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



DCCE84



97DDA5



AACDFF



F9B8F4



# Sweetspot

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



DCCE84



FFFAE0



DC8493



807D6E



000000



808080



# Same Dimension

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



DCCE84



FFEC85



BFDC84



6E6C63



AD9200



2E2700



# Inverse Universe

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



8492DC



8598FF



A184DC



63646E



001CAD

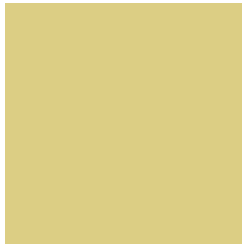


00072E



# Previews

## White Background



This preview shows how the Hex color DCCE84 looks on a white background.

## Color Contrast Check

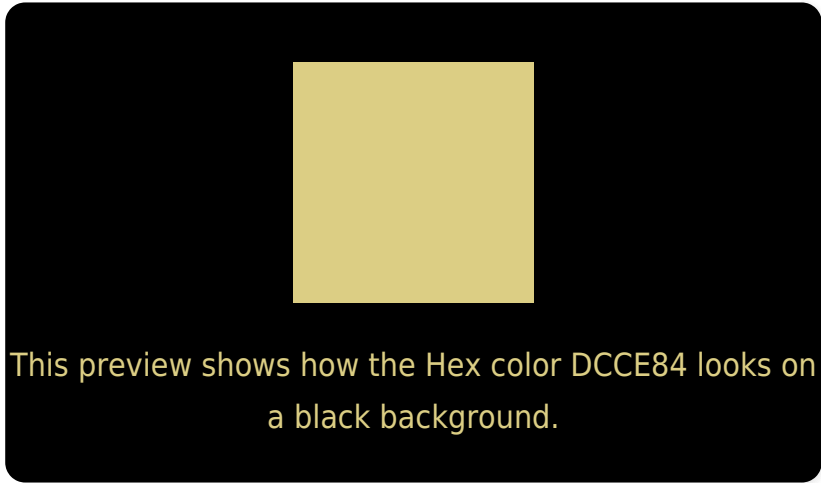
Large Text (above 18pt) WCAG AA × Fail

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

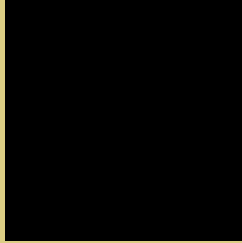
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCCE84 Background



This preview shows how black text looks on a background with the Hex color DCCE84.

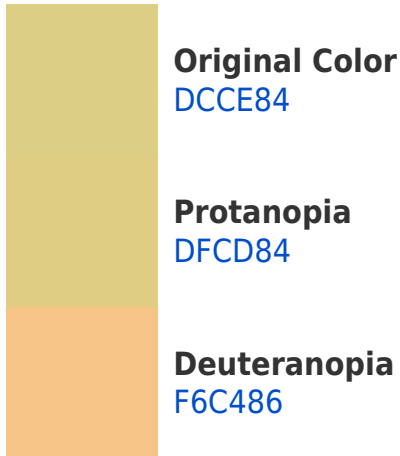


This preview shows how white text looks on a background with the Hex color DCCE84.

# 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](#).

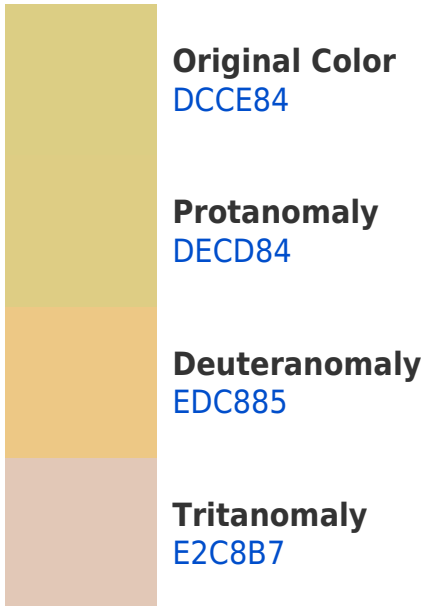
## Dichromacy



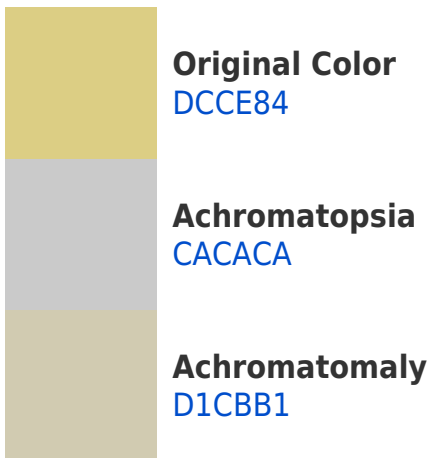


**Tritanopia**  
E5C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCCE84 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 #DCCE84 looks like.

```
.text, #text, p{  
    color:#DCCE84  
}
```

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 #DCCE84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCCE84
}
```

## Border

The CSS property to change the border of an element to Hex DCCE84 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
#DCCE84 }
```

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

```
.border{ border-color:#DCCE84 }
```

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

Here you see how a box with a 4 pixel #DCCE84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCCE84; -webkit-box-shadow:4px 4px  
4px 4px #DCCE84; box-shadow:4px 4px 4px  
4px #DCCE84 }
```

# Background

The CSS property to change the background color of an element to Hex DCCE84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCCE84 }
```

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

```
.background{ background-color:#DCCE84 }
```

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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