

# Converting Colors

Hex(DCCB85)

Have a look what the booklet for  
Hex(DCCB85) contains.

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# **Color**

**Hex(DCCB85)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCCB85
RGB	220, 203, 133
RGB Percent	86%, 80%, 52%
CMY	0.1373, 0.2039, 0.4784
CMYK	0.00, 0.08, 0.40, 0.14
HSL	48°, 55%, 69%
HSV	48°, 40%, 86%
XYZ	55.1048, 59.6210, 30.7940
YIQ	200.1030, 32.6020, -18.1660

# Conversions

## Conversions Part 2

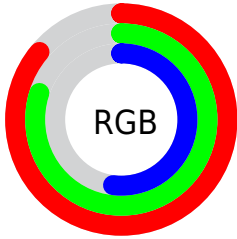
Format	Color
<a href="#">RYB</a>	<a href="#">154, 220, 133</a>
Decimal	<a href="#">14470021</a>
CIELab	<a href="#">81.63, -3.91, 37.05</a>
CIELCh	<a href="#">82, 37.256, 96.017</a>
Yxy	<a href="#">59.6210, 0.3787, 0.4097</a>
Android (android.graphics.Color)	<a href="#">4292660101 (0xFFDCCB85)</a>
YUV	<a href="#">200.1030, -33.0818, 17.4497</a>
Hunter-Lab	<a href="#">77.2146, -7.7378, 30.4048</a>

# Details

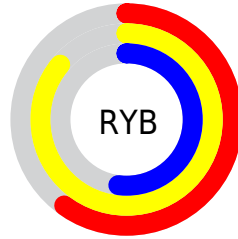
The Hex color **DCCB85** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8596DC**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFBBB**, and **A49552** is the 20% darker color. If you saturate the color by 10%, you get **DCC76F**, and if you desaturate by 10%, it is **DCCF9B**.

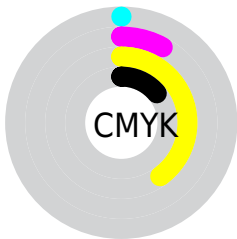
# Distribution



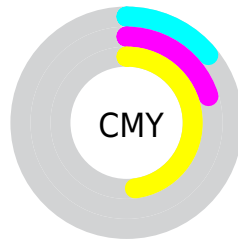
- Red (86%)
- Green (80%)
- Blue (52%)



- Red (60%)
- Yellow (86%)
- Blue (52%)



- Cyan (0%)
- Magenta (8%)
- Yellow (40%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCCB85 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 DCCB85 by changing the saturation by 10% instead.



 DCCB85

FFFFFF

 FFFFBB

 FFFFD7

 FFFFF4

 DCCB85

 BFB06B

 A49552

 887B3A

 6E6322

 544B08

 3C3400

 232000

 000900

 000000

 DCCB85

 DCCB85

 DCC76F

 DCCF9B

 DCC259

 DCD4B1

 DCBE43

 DCD8C7

 DCBA2D

 DCDCDD

 DCB617

 DCE0F3

 DCB101

 DCE5FF

 DCB100

 DCE9FF

 DCEDFF

 DCF2FF

# Harmonies

## Analogous

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



FBBF8C



DCCB85



B6D591

# Triad

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



DCCB85



53DCF3



FDB5E8

# Complementary

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



DCCB85



8596DC

# 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.



D9BFFF



DCCB85



71D6FF

# Square

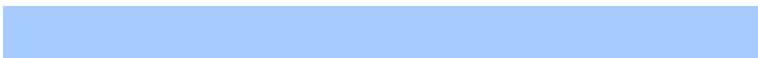
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCCB85



65DED1



A6CCFF



FFB0C5

# Rectangle

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



DCCB85



9BDAA3



A6CCFF



F3B8F2



# Sweetspot

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



DCCB85



FFF9E0



DC8596



807C6E



000000



808080



# Same Dimension

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



DCCB85



FFE887



C2DC85



6E6C63



AD8C00



2E2500



# Inverse Universe

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



8596DC



879FFF



9F85DC



63656E



0022AD

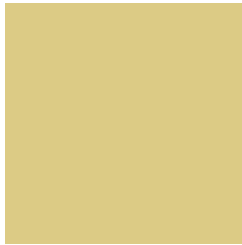


00092E



# Previews

## White Background



This preview shows how the Hex color DCCB85 looks on a white background.

## Color Contrast Check

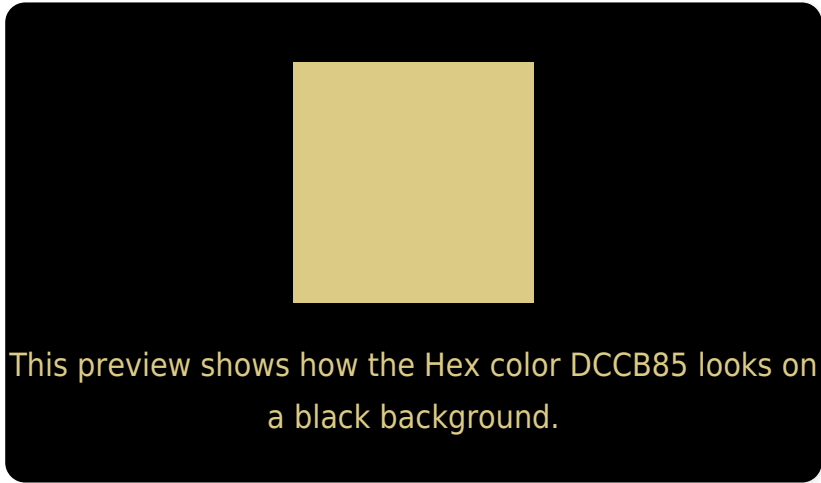
Large Text (above 18pt) WCAG AA × Fail

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

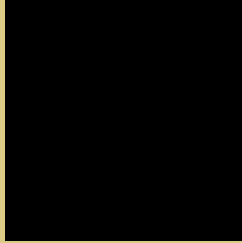
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCCB85 Background



This preview shows how black text looks on a background with the Hex color DCCB85.

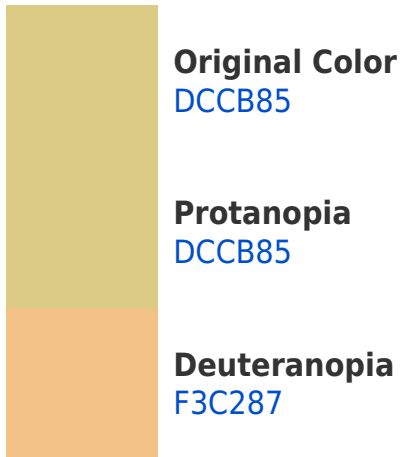


This preview shows how white text looks on a background with the Hex color DCCB85.

# 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](#).

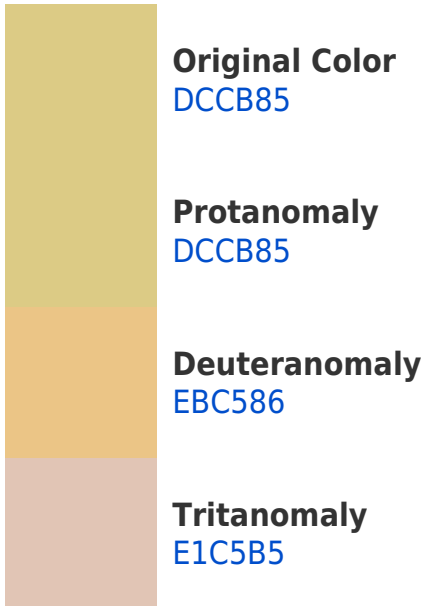
## Dichromacy





**Tritanopia**  
E4C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCCB85 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 #DCCB85 looks like.

```
.text, #text, p{  
    color:#DCCB85  
}
```

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 #DCCB85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCCB85
}
```

## Border

The CSS property to change the border of an element to Hex DCCB85 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
#DCCB85 }
```

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

```
.border{ border-color:#DCCB85 }
```

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

Here you see how a box with a 4 pixel #DCCB85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCCB85; -webkit-box-shadow:4px 4px  
4px 4px #DCCB85; box-shadow:4px 4px 4px  
4px #DCCB85 }
```

# Background

The CSS property to change the background color of an element to Hex DCCB85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCCB85 }
```

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

```
.background{ background-color:#DCCB85 }
```

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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