

# Converting Colors

Hex(DBCE89)

Have a look what the booklet for  
Hex(DBCE89) contains.

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# **Color**

**Hex(DBCE89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBCE89
RGB	219, 206, 137
RGB Percent	86%, 81%, 54%
CMY	0.1412, 0.1922, 0.4627
CMYK	0.00, 0.06, 0.37, 0.14
HSL	50°, 53%, 70%
HSV	50°, 37%, 86%
XYZ	55.8001, 61.0088, 32.5018
YIQ	202.0210, 29.8970, -18.7030

# Conversions

## Conversions Part 2

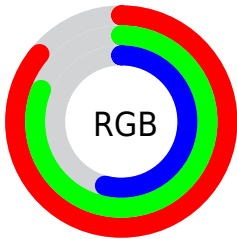
Format	Color
<a href="#">RYB</a>	<a href="#">152, 219, 137</a>
Decimal	<a href="#">14405257</a>
CIELab	<a href="#">82.38, -5.40, 35.96</a>
CIELCh	<a href="#">82, 36.366, 98.539</a>
Yxy	<a href="#">61.0088, 0.3737, 0.4086</a>
Android (android.graphics.Color)	<a href="#">4292595337 (0xFFDBCE89)</a>
YUV	<a href="#">202.0210, -32.0554, 14.8906</a>
Hunter-Lab	<a href="#">78.1081, -9.1697, 30.0044</a>

# Details

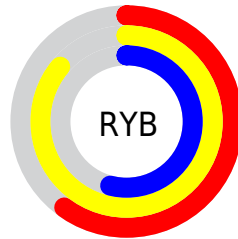
The Hex color **DBCE89** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8996DB**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFBF**, and **A39856** is the 20% darker color. If you saturate the color by 10%, you get **DBC73**, and if you desaturate by 10%, it is **DBD19F**.

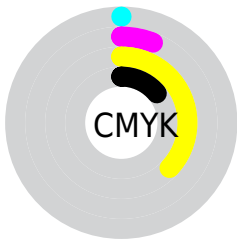
# Distribution



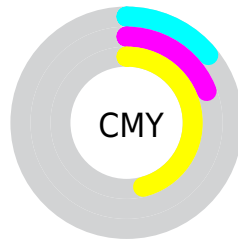
- Red (86%)
- Green (81%)
- Blue (54%)



- Red (60%)
- Yellow (86%)
- Blue (54%)



- Cyan (0%)
- Magenta (6%)
- Yellow (37%)
- Black (14%)



- Cyan (14%)
- Magenta (19%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBCE89 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 DBCE89 by changing the saturation by 10% instead.



 DBCE89

FFFFFF

 FFFFBF

 FFFFDB

 FFFFF8

 DBCE89

 BFB36F

 A39856

 887E3E

 6D6526

 544D0D

 3B3700

 232200

 000C00

 000000

 DBCE89

 DBCE89

 DBCB73

 DBD19F

 DBC75D

 DBD5B5

 DBC447

 DBD8CB

 DBC031

 DBDCE1

 DBBD1B

 DBDFF7

 DBB906

 DBE3FF

 DBB800

 DBE6FF

 DBEAFF

 DBEDFF

# Harmonies

## Analogous

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



FAC28E



DBCE89



B6D897

# Triad

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



DBCE89



5BDEF6



FFB7E7

# Complementary

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



DBCE89



8996DB

# 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.



DEC1FF



DBCE89



7BD7FF

# Square

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



DBCE89



68E0D6



AECDFE



FFB3C4

# Rectangle

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



DBCE89



9BDCA8



AECDFF



F7B9F1



# Sweetspot

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



DBCE89



FFFBE3



DB8997



807D6F



000000



808080



# Same Dimension

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



DBCE89



FFED8C



C0DB89



6E6C63



AD9200



2E2700



# Inverse Universe

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



8996DB



8C9EFF



A489DB



63646E



001BAD

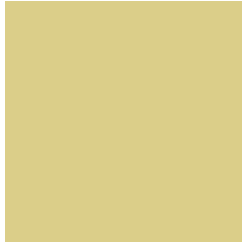


00072E



# Previews

## White Background



This preview shows how the Hex color DBCE89 looks on a white background.

## Color Contrast Check

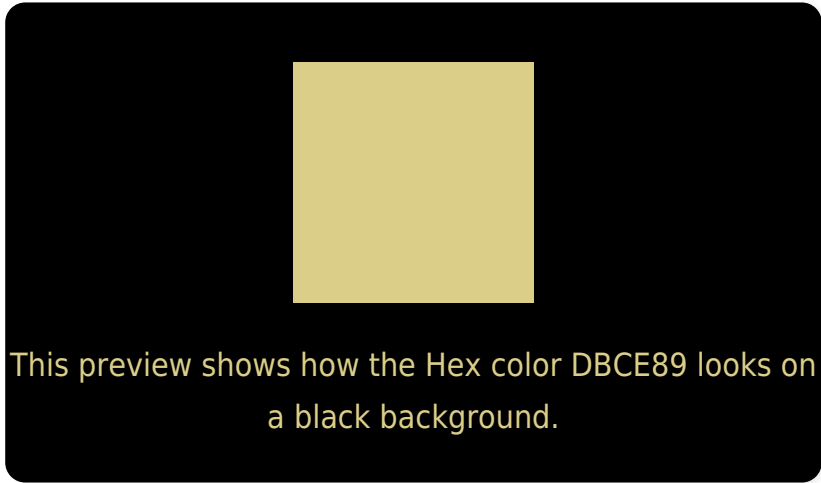
Large Text (above 18pt) WCAG AA × Fail

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

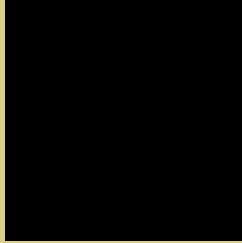
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DBCE89 Background



This preview shows how black text looks on a background with the Hex color DBCE89.

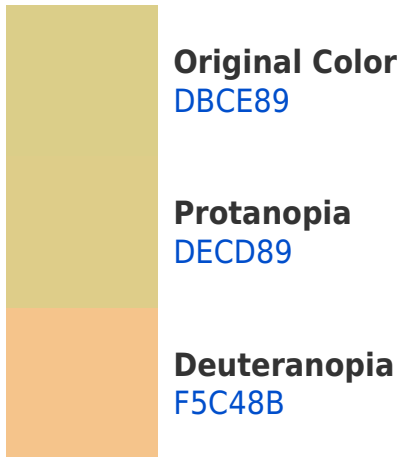


This preview shows how white text looks on a background with the Hex color DBCE89.

# 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](#).

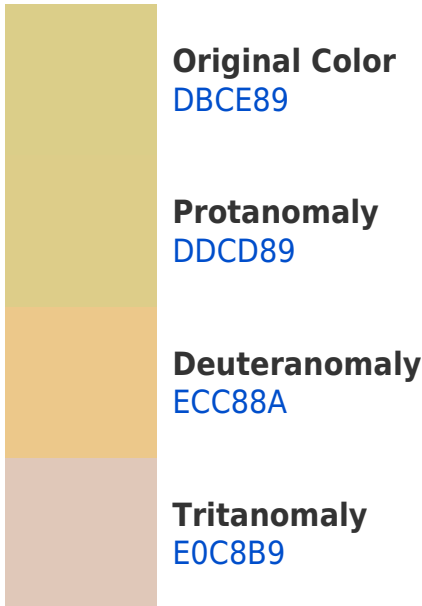
## Dichromacy



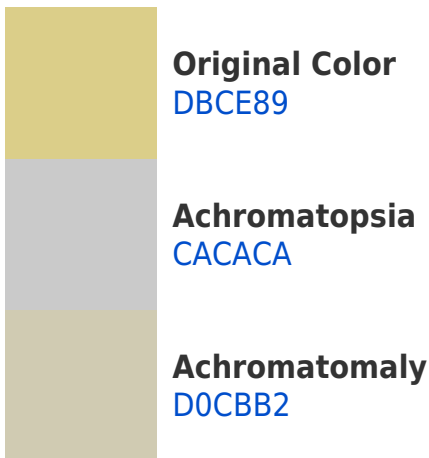


**Tritanopia**  
E3C5D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBCE89 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 #DBCE89 looks like.

```
.text, #text, p{  
    color:#DBCE89  
}
```

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 #DBCE89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBCE89  
}
```

## Border

The CSS property to change the border of an element to Hex DBCE89 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  
#DBCE89 }
```

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

```
.border{ border-color:#DBCE89 }
```

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

Here you see how a box with a 4 pixel #DBCE89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBCE89; -webkit-box-shadow:4px 4px  
4px 4px #DBCE89; box-shadow:4px 4px 4px  
4px #DBCE89 }
```

# Background

The CSS property to change the background color of an element to Hex DBCE89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBCE89 }
```

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

```
.background{ background-color:#DBCE89 }
```

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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