

# Converting Colors

Hex(DCBE69)

Have a look what the booklet for  
Hex(DCBE69) contains.

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# **Color**

**Hex(DCBE69)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCBE69
RGB	220, 190, 105
RGB Percent	86%, 75%, 41%
CMY	0.1373, 0.2549, 0.5882
CMYK	0.00, 0.14, 0.52, 0.14
HSL	44°, 62%, 64%
HSV	44°, 52%, 86%
XYZ	50.4785, 53.0625, 20.9462
YIQ	189.2800, 45.1650, -20.0750

# Conversions

## Conversions Part 2

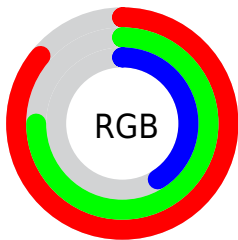
Format	Color
<a href="#">RYB</a>	<a href="#">146, 220, 105</a>
Decimal	<a href="#">14466665</a>
<a href="#">CIELab</a>	<a href="#">77.91, 0.12, 46.46</a>
<a href="#">CIElCh</a>	<a href="#">78, 46.462, 89.854</a>
<a href="#">Yxy</a>	<a href="#">53.0625, 0.4055, 0.4262</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292656745 (0xFFDCBE69)</a>
<a href="#">YUV</a>	<a href="#">189.2800, -41.5500, 26.9414</a>
<a href="#">Hunter-Lab</a>	<a href="#">72.8440, -3.7824, 33.9420</a>

# Details

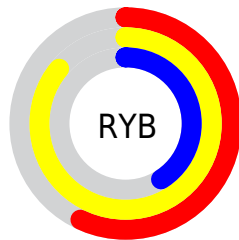
The Hex color **DCBE69** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6987DC**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFF69E**, and **A38936** is the 20% darker color. If you saturate the color by 10%, you get **DCB853**, and if you desaturate by 10%, it is **DCC47F**.

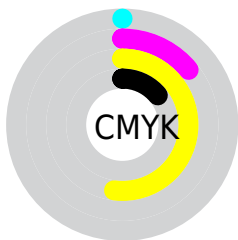
# Distribution



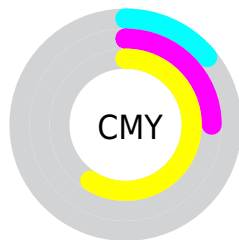
- Red (86%)
- Green (75%)
- Blue (41%)



- Red (57%)
- Yellow (86%)
- Blue (41%)



- Cyan (0%)
- Magenta (14%)
- Yellow (52%)
- Black (14%)



- Cyan (14%)
- Magenta (25%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCBE69 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 DCBE69 by changing the saturation by 10% instead.



 DCBE69

 DCBE69

FFFFFF

 BFA34F

 FFF69E

 A38936

 FFFFBA

 87701D

 FFFFFD6

 6C5700

 FFFFF2

 524000

 372B00

 1F1700

 000000

 DCBE69

 DCBE69

 DCB853

 DCC47F

 DCB33D

 DCC995

 DCAD27

 DCCFAB

 DCA711

 DCD5C1

 DCA300

 DCDBD7

 DCE0ED

 DCE6FF

 DCECFE

 DCF2FF

# Harmonies

## Analogous

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



FEAF77



DCBE69



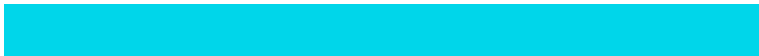
B0CB74

# Triad

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



DCBE69



00D6EA



F6A6ED

# Complementary

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



DCBE69



6987DC

# 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.



C4B5FF



DCBE69



00D0FF

# Square

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



DCBE69



31D7BF



7CC5FF



FF9EC3

# Rectangle

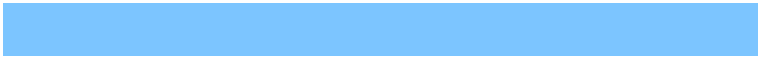
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCBE69



8ED187



7CC5FF



E8ABF9



# Sweetspot

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



DCBE69



FFF4D6



DC6988



807967



000000



808080



# Same Dimension

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



DCBE69



FFD55E



C1DC69



6E6B63



AD8000



2E2200



# Inverse Universe

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



6987DC



5E88FF



8469DC



63666E



002DAD



000C2E



# Previews

## White Background



This preview shows how the Hex color DCBE69 looks on a white background.

## Color Contrast Check

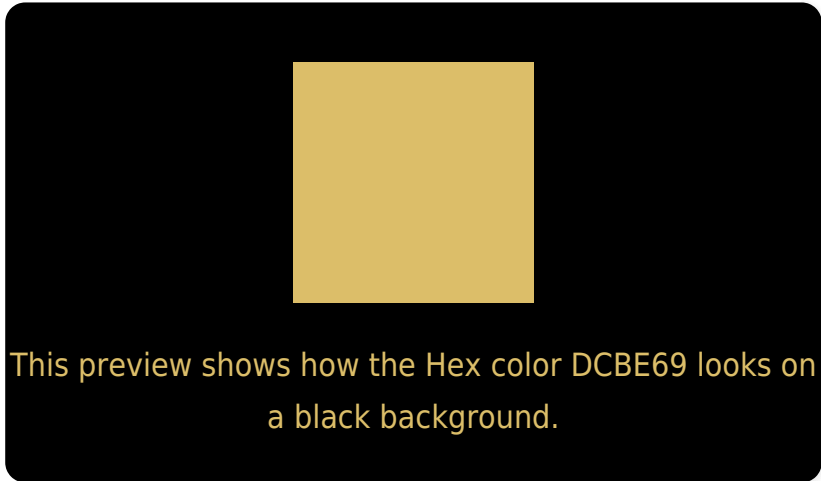
Large Text (above 18pt) WCAG AA × Fail

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 DCBE69 Background



This preview shows how black text looks on a background with the Hex color DCBE69.

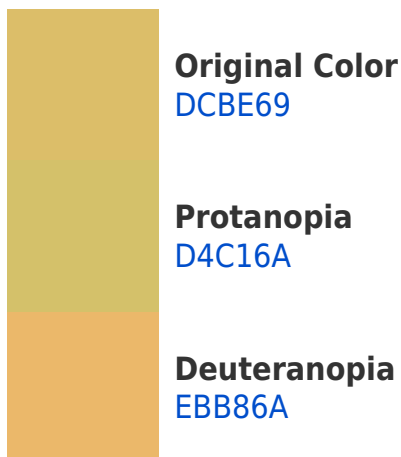


This preview shows how white text looks on a background with the Hex color DCBE69.

# 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](#).

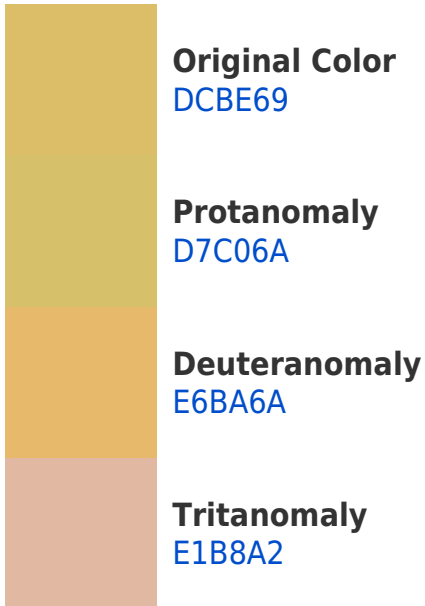
## Dichromacy





**Tritanopia**  
E4B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCBE69 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 #DCBE69 looks like.

```
.text, #text, p{  
    color:#DCBE69  
}
```

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 #DCBE69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCBE69
}
```

## Border

The CSS property to change the border of an element to Hex DCBE69 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
#DCBE69 }
```

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

```
.border{ border-color:#DCBE69 }
```

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

Here you see how a box with a 4 pixel #DCBE69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCBE69; -webkit-box-shadow:4px 4px  
4px 4px #DCBE69; box-shadow:4px 4px 4px  
4px #DCBE69 }
```

# Background

The CSS property to change the background color of an element to Hex DCBE69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCBE69 }
```

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

```
.background{ background-color:#DCBE69 }
```

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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