

# Converting Colors

Hex(DCB078)

Have a look what the booklet for  
Hex(DCB078) contains.

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# **Color**

**Hex(DCB078)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCB078
RGB	220, 176, 120
RGB Percent	86%, 69%, 47%
CMY	0.1373, 0.3098, 0.5294
CMYK	0.00, 0.20, 0.45, 0.14
HSL	34°, 59%, 67%
HSV	34°, 45%, 86%
XYZ	48.4307, 47.6224, 24.4088
YIQ	182.7720, 44.2000, -8.0880

# Conversions

## Conversions Part 2

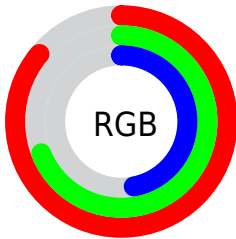
Format	Color
<a href="#">RYB</a>	<a href="#">199, 220, 120</a>
Decimal	<a href="#">14463096</a>
CIELab	<a href="#">74.59, 8.90, 34.69</a>
CIELCh	<a href="#">75, 35.812, 75.607</a>
Yxy	<a href="#">47.6224, 0.4020, 0.3953</a>
Android (android.graphics.Color)	<a href="#">4292653176</a> ( <a href="#">0xFFDCB078</a> )
YUV	<a href="#">182.7720, -30.9466, 32.6490</a>
Hunter-Lab	<a href="#">69.0090, 4.5061, 27.3352</a>

# Details

The Hex color **DCB078** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **78A4DC**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFE8AD**, and **A37C46** is the 20% darker color. If you saturate the color by 10%, you get **DCA662**, and if you desaturate by 10%, it is **DCBA8E**.

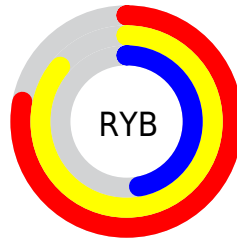
# Distribution



Red (86%)

Green (69%)

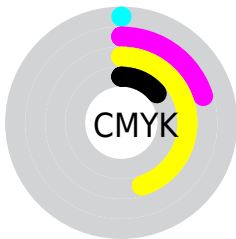
Blue (47%)



Red (78%)

Yellow (86%)

Blue (47%)

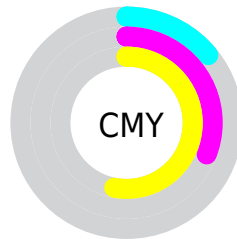


Cyan (0%)

Magenta (20%)

Yellow (45%)

Black (14%)



Cyan (14%)

Magenta (31%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCB078 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 DCB078 by changing the saturation by 10% instead.





DCB078



DCB078

FFFFFF



BF955F



FFE8AD



A37C46



FFFFC9



87632F



FFFFE5



6C4B18



523400



391F00



210900



000000



DCB078



DCB078

 DCA662

 DCBA8E

 DC9D4C

 DCC3A4

 DC9336

 DCCDBA

 DC8920

 DCD7D0

 DC800A

 DCE0E6

 DC7B00

 DCEAFC

 DCF4FF

 DCFDFF

 DCFFFF

# Harmonies

## Analogous

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



F2A58A



DCB078



BDBB77

# Triad

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



DCB078



4BC9C8



D1A9E6

# Complementary

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



DCB078



78A4DC

# 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.



A5B5F7



DCB078



47C6E6

# Square

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



DCB078



70C8A6



71BFF7



EEA0C9

# Rectangle

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



DCB078



A4C181



71BFF7



C4ADED

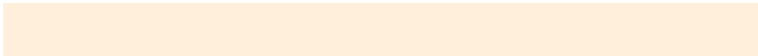


# Sweetspot

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



DCB078



FFEFD8



DC78A5



80766A



000000



808080



# Same Dimension

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



DCB078



FFC173



D7DC78



6E6963



AD6100



2E1A00

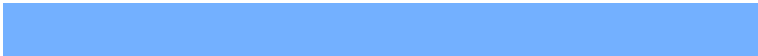


# Inverse Universe

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



78A4DC



73B0FF



7D78DC



63686E



004CAD



00142E



# Previews

## White Background



This preview shows how the Hex color DCB078 looks on a white background.

## Color Contrast Check

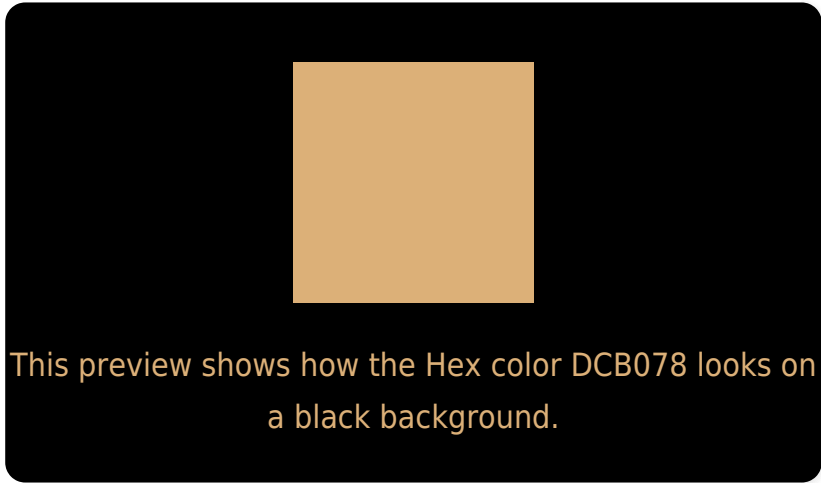
Large Text (above 18pt) WCAG AA × Fail

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

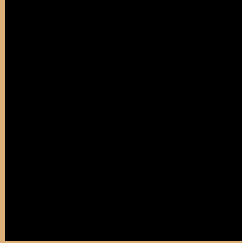
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCB078 Background



This preview shows how black text looks on a background with the Hex color DCB078.

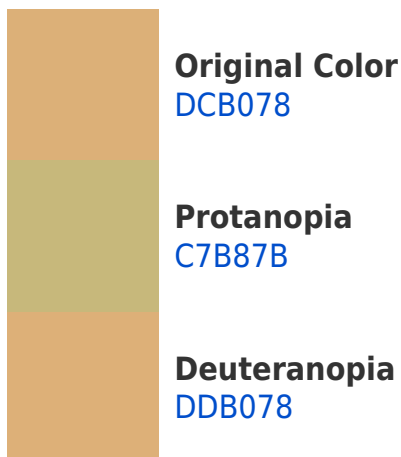


This preview shows how white text looks on a background with the Hex color DCB078.

# 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**  
E2A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCB078 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 #DCB078 looks like.

```
.text, #text, p{  
    color:#DCB078  
}
```

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 #DCB078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCB078
}
```

## Border

The CSS property to change the border of an element to Hex DCB078 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
#DCB078 }
```

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

```
.border{ border-color:#DCB078 }
```

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

Here you see how a box with a 4 pixel #DCB078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCB078; -webkit-box-shadow:4px 4px  
4px 4px #DCB078; box-shadow:4px 4px 4px  
4px #DCB078 }
```

# Background

The CSS property to change the background color of an element to Hex DCB078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCB078 }
```

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

```
.background{ background-color:#DCB078 }
```

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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