

# Converting Colors

Hex(DEB080)

Have a look what the booklet for  
Hex(DEB080) contains.

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# **Color**

**Hex(DEB080)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEB080
RGB	222, 176, 128
RGB Percent	87%, 69%, 50%
CMY	0.1294, 0.3098, 0.4980
CMYK	0.00, 0.21, 0.42, 0.13
HSL	31°, 59%, 69%
HSV	31°, 42%, 87%
XYZ	49.5458, 48.1388, 27.1024
YIQ	184.2820, 42.8240, -5.1760

# Conversions

## Conversions Part 2

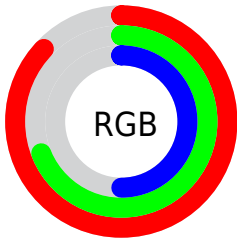
Format	Color
R <sub>Y</sub> B	218, 222, 128
Decimal	14594176
CIE Lab	74.91, 10.54, 30.94
CIE LCh	75, 32.682, 71.190
Yxy	48.1388, 0.3970, 0.3858
Android (android.graphics.Color)	4292784256 (0xFFDEB080)
YUV	184.2820, -27.7470, 33.0787
Hunter-Lab	69.3821, 6.0483, 25.4073

# Details

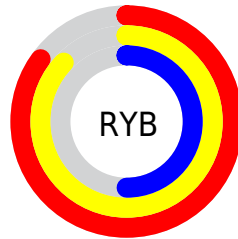
The Hex color **DEB080** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **80AEDE**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFE8B5**, and **A57C4E** is the 20% darker color. If you saturate the color by 10%, you get **DEA56A**, and if you desaturate by 10%, it is **DEBB96**.

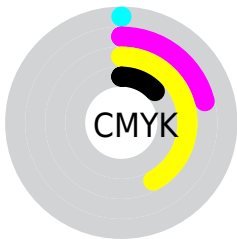
# Distribution



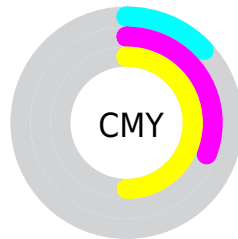
- Red (87%)
- Green (69%)
- Blue (50%)



- Red (85%)
- Yellow (87%)
- Blue (50%)



- Cyan (0%)
- Magenta (21%)
- Yellow (42%)
- Black (13%)



- Cyan (13%)
- Magenta (31%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEB080 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 DEB080 by changing the saturation by 10% instead.



 DEB080

FFFFFF

 FFE8B5

 FFFFFD1

 FFFFFED

 DEB080

 C19567

 A57C4E


 896337

 6E4B20

 543409

 3B1F00

 230900

 000000

 DEB080

 DEB080

 DEA56A

 DEBB96

 DE9A54

 DEC6AC

 DE8F3D

 DED1C3

 DE8527

 DEDBD9

 DE7A11

 DEE6EF

 DE7100

 DEF1FF

 DEFCFF

 DEFFFF

# Harmonies

## Analogous

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



F0A792



DEB080



C2BA7D

# Triad

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



DEB080



5FC9C3



CBADE6

# Complementary

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



DEB080



80AEDE

# 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.



A2B7F3



DEB080



57C7DF

# Square

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



DEB080



7DC7A4



75C1F1



E8A4CD

# Rectangle

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



DEB080



ACC084



75C1F1



BEB0EC

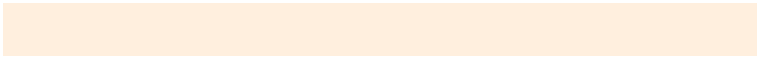


# Sweetspot

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



DEB080



FFEFDE



DE80AF



80766B



000000



808080



# Same Dimension

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



DEB080



FFBF7D



DEDE80



706B65



B05A00



301900

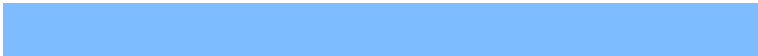


# Inverse Universe

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



80AEDE



7DBDFF



8080DE



656A70



0056B0



001830



# Previews

## White Background



This preview shows how the Hex color DEB080 looks on a white background.

## Color Contrast Check

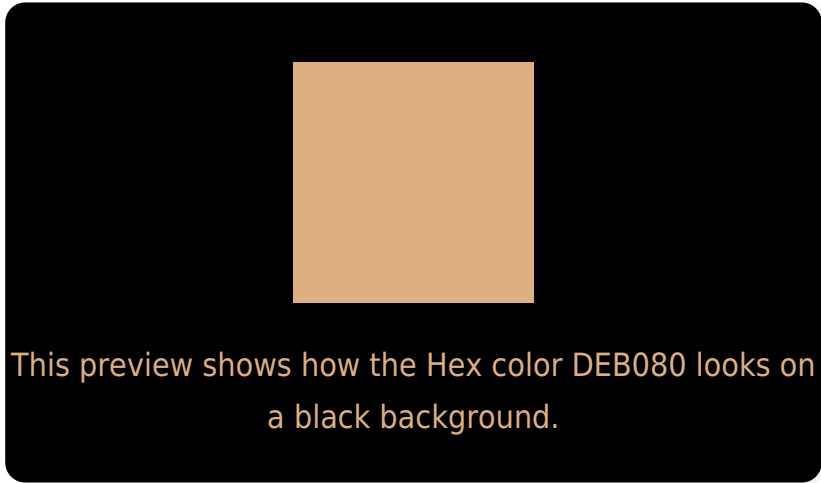
Large Text (above 18pt) WCAG AA × Fail

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

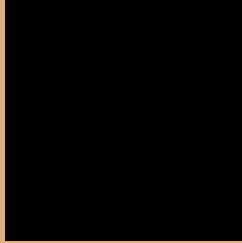
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DEB080 Background



This preview shows how black text looks on a background with the Hex color DEB080.



This preview shows how white text looks on a background with the Hex color DEB080.

# 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



**Original Color**  
DEB080

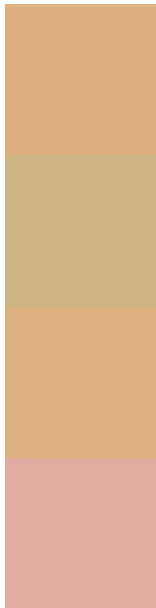
**Protanopia**  
C7B884

**Deuteranopia**  
DCB180



**Tritanopia**  
E3A9B6

# Trichromacy



**Original Color**  
DEB080

**Protanomaly**  
CFB583

**Deuteranomaly**  
DDB180

**Tritanomaly**  
E1ACA2

# Monochromacy



**Original Color**  
DEB080

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
C6B5A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEB080 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 #DEB080 looks like.

```
.text, #text, p{  
    color:#DEB080  
}
```

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 #DEB080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEB080
}
```

## Border

The CSS property to change the border of an element to Hex DEB080 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
#DEB080 }
```

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

```
.border{ border-color:#DEB080 }
```

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

Here you see how a box with a 4 pixel #DEB080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEB080; -webkit-box-shadow:4px 4px  
4px 4px #DEB080; box-shadow:4px 4px 4px  
4px #DEB080 }
```

# Background

The CSS property to change the background color of an element to Hex DEB080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEB080 }
```

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

```
.background{ background-color:#DEB080 }
```

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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