

# Converting Colors

Hex(DEB57B)

Have a look what the booklet for  
Hex(DEB57B) contains.

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# **Color**

**Hex(DEB57B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEB57B
RGB	222, 181, 123
RGB Percent	87%, 71%, 48%
CMY	0.1294, 0.2902, 0.5176
CMYK	0.00, 0.18, 0.45, 0.13
HSL	35°, 60%, 68%
HSV	35°, 45%, 87%
XYZ	50.2232, 50.0074, 25.7442
YIQ	186.6470, 43.0540, -9.3460

# Conversions

## Conversions Part 2

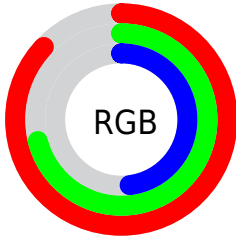
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 222, 123
Decimal	14595451
CIELab	76.07, 7.36, 35.08
CIELCh	76, 35.840, 78.154
Yxy	50.0074, 0.3987, 0.3970
Android (android.graphics.Color)	4292785531 (0xFFDEB57B)
YUV	186.6470, -31.3780, 31.0046
Hunter-Lab	70.7159, 3.0198, 27.9165

# Details

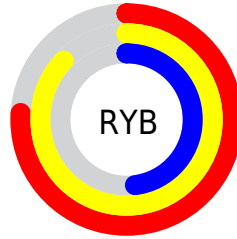
The Hex color **DEB57B** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **7BA4DE**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFEDB0**, and **A58049** is the 20% darker color. If you saturate the color by 10%, you get **DEAC65**, and if you desaturate by 10%, it is **DEBE91**.

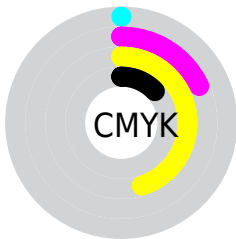
# Distribution



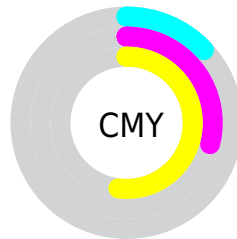
- Red (87%)
- Green (71%)
- Blue (48%)



- Red (76%)
- Yellow (87%)
- Blue (48%)



- Cyan (0%)
- Magenta (18%)
- Yellow (45%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEB57B 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 DEB57B by changing the saturation by 10% instead.



 DEB57B

 DEB57B

FFFFFF

 C19A62

 FFEDB0

 A58049

 FFFFCC

 896731

 FFFF E8

 6E4F1A

 543901

 3B2300

 220F00

 000000

 DEB57B

 DEB57B

 DEAC65

 DEBE91

 DEA34F

 DEC7A7

 DE9938

 DED1BE

 DE9022

 DEDAD4

 DE870C

 DEE3EA

 DE8200

 DEECFF

 DEF5FF

 DEFFFF

# Harmonies

## Analogous

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



F5AA8C



DEB57B



BEC07C

# Triad

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



DEB57B



4ECECF



D8ACE8

# Complementary

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



DEB57B



7BA4DE

# 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.



ADB8FA



DEB57B



4ECAEC

# Square

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



DEB57B



70CDAD



7AC3FC



F4A4CA

# Rectangle

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



DEB57B



A5C687



7AC3FC



CCB0F0

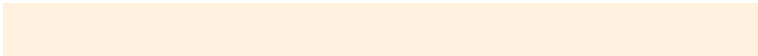


# Sweetspot

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



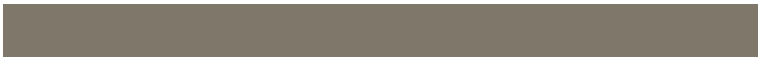
DEB57B



FFF1DE



DE7BA4



80776B



000000



808080



# Same Dimension

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



DEB57B



FFC675



D6DE7B



706C65



B06700



301C00

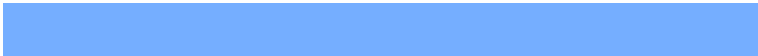


# Inverse Universe

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



7BA4DE



75AEFF



837BDE



656A70



0049B0



001430



# Previews

## White Background



This preview shows how the Hex color DEB57B looks on a white background.

## Color Contrast Check

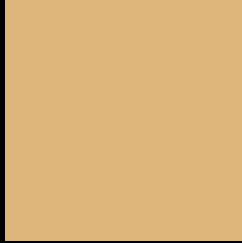
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color DEB57B looks on a 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 DEB57B Background



This preview shows how black text looks on a background with the Hex color DEB57B.



This preview shows how white text looks on a background with the Hex color DEB57B.

# 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**  
E4ADBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEB57B 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 #DEB57B looks like.

```
.text, #text, p{  
    color:#DEB57B  
}
```

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 #DEB57B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEB57B  
}
```

## Border

The CSS property to change the border of an element to Hex DEB57B 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  
#DEB57B }
```

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

```
.border{ border-color:#DEB57B }
```

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

Here you see how a box with a 4 pixel #DEB57B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEB57B; -webkit-box-shadow:4px 4px  
4px 4px #DEB57B; box-shadow:4px 4px 4px  
4px #DEB57B }
```

# Background

The CSS property to change the background color of an element to Hex DEB57B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEB57B }
```

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

```
.background{ background-color:#DEB57B }
```

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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