

# Converting Colors

Hex(DEBE7C)

Have a look what the booklet for  
Hex(DEBE7C) contains.

<b>Hex(DEBE7C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(DEBE7C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEBE7C
RGB	222, 190, 124
RGB Percent	87%, 75%, 49%
CMY	0.1294, 0.2549, 0.5137
CMYK	0.00, 0.14, 0.44, 0.13
HSL	40°, 60%, 68%
HSV	40°, 44%, 87%
XYZ	52.1757, 53.8117, 26.7055
YIQ	192.0440, 40.2580, -13.7420

# Conversions

## Conversions Part 2

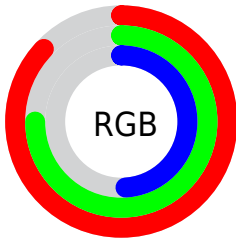
Format	Color
<a href="#">RYB</a>	<a href="#">172, 222, 124</a>
Decimal	<a href="#">14597756</a>
CIELab	<a href="#">78.35, 2.71, 37.48</a>
CIELCh	<a href="#">78, 37.581, 85.865</a>
Yxy	<a href="#">53.8117, 0.3932, 0.4055</a>
Android (android.graphics.Color)	<a href="#">4292787836</a> ( <a href="#">0xFFDEBE7C</a> )
YUV	<a href="#">192.0440, -33.5457, 26.2714</a>
Hunter-Lab	<a href="#">73.3565, -1.4134, 29.7649</a>

# Details

The Hex color **DEBE7C** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **7C9CDE**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF6B1**, and **A5894A** is the 20% darker color. If you saturate the color by 10%, you get **DEB766**, and if you desaturate by 10%, it is **DEC592**.

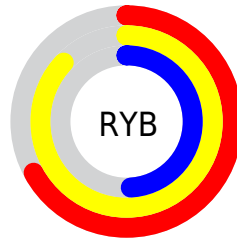
# Distribution



Red (87%)

Green (75%)

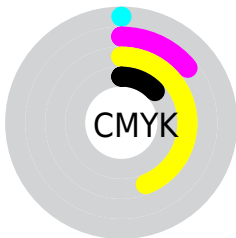
Blue (49%)



Red (67%)

Yellow (87%)

Blue (49%)

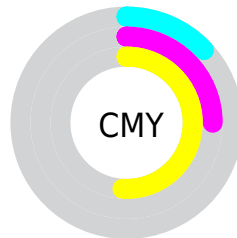


Cyan (0%)

Magenta (14%)

Yellow (44%)

Black (13%)



Cyan (13%)

Magenta (25%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEBE7C 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 DEBE7C by changing the saturation by 10% instead.



 DEBE7C

 DEBE7C

FFFFFF

 C1A362

 FFF6B1

 A5894A

 FFFFCF

 897032

 FFFFEA

 6F571A

 544000

 3C2A00

 231600

 000000

 DEBE7C

 DEBE7C

 DEB766

 DEC592

 DEB050

 DECCA8

 DEA839

 DED4BF

 DEA123

 DEDBD5

 DE9A0D

 DEE2EB

 DE9600

 DEE9FF

 DEF1FF

 DEF8FF

 DEFFFF

# Harmonies

## Analogous

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



F9B289



DEBE7C



BAC982

# Triad

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



DEBE7C



46D4DF



EAAFE9

# Complementary

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



DEBE7C



7C9CDE

# 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.



C0BBFF



DEBE7C



55D0FB

# Square

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



DEBE7C



67D4BC



8AC7FF



FFA8C8

# Rectangle

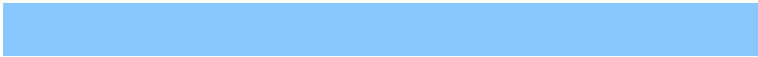
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEBE7C



A0CE90



8AC7FF



DDB2F3



# Sweetspot

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



DEBE7C



FFF4DE



DE7C9D



80796B



000000



808080



# Same Dimension

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



DEBE7C



FFD378



CEDE7C



706D65



B07600



302100



# Inverse Universe

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



7C9CDE



78A4FF



8C7CDE



656970



0039B0



001030



# Previews

## White Background



This preview shows how the Hex color DEBE7C looks on a white background.

## Color Contrast Check

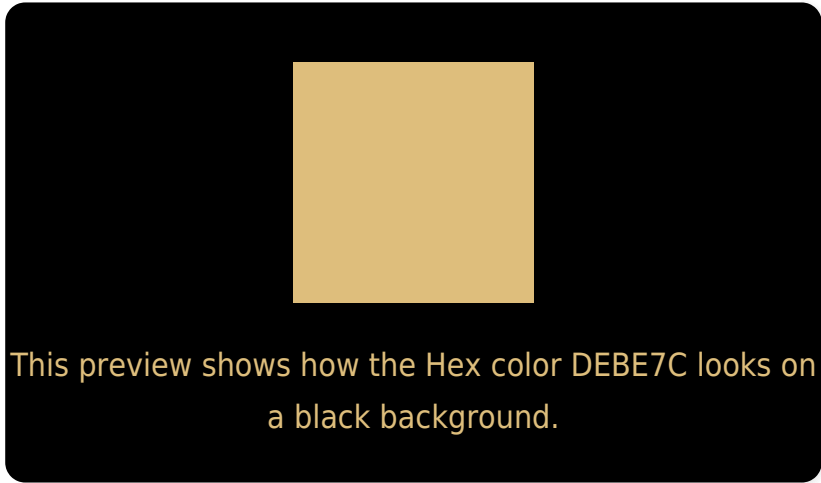
Large Text (above 18pt) WCAG AA × Fail

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 DEBE7C Background



This preview shows how black text looks on a background with the Hex color DEBE7C.

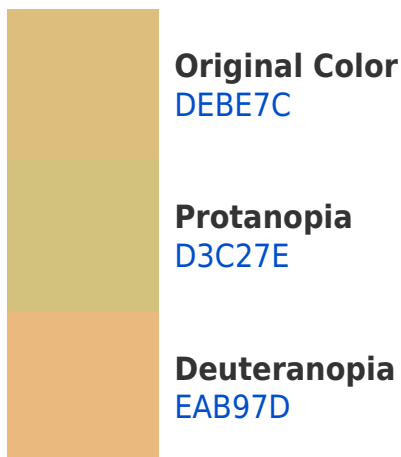


This preview shows how white text looks on a background with the Hex color DEBE7C.

# 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](#).

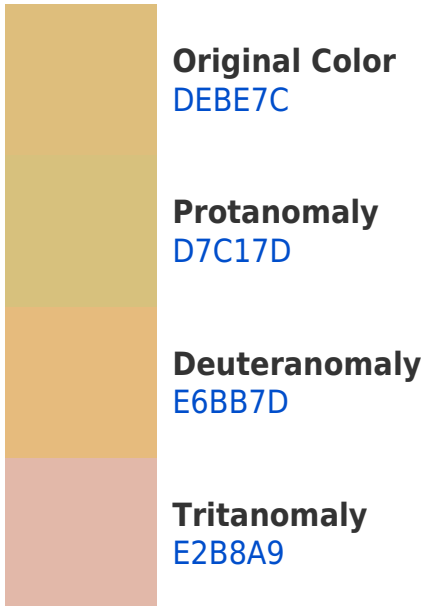
## Dichromacy





**Tritanopia**  
E5B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEBE7C 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 #DEBE7C looks like.

```
.text, #text, p{  
    color:#DEBE7C  
}
```

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 #DEBE7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEBE7C  
}
```

## Border

The CSS property to change the border of an element to Hex DEBE7C 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  
#DEBE7C }
```

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

```
.border{ border-color:#DEBE7C }
```

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

Here you see how a box with a 4 pixel #DEBE7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEBE7C; -webkit-box-shadow:4px 4px  
4px 4px #DEBE7C; box-shadow:4px 4px 4px  
4px #DEBE7C }
```

# Background

The CSS property to change the background color of an element to Hex DEBE7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEBE7C }
```

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

```
.background{ background-color:#DEBE7C }
```

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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