

# Converting Colors

Hex(DECBB3)

Have a look what the booklet for  
Hex(DECBB3) contains.

<b>Hex(DECBB3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DECBB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DECBB3
RGB	222, 203, 179
RGB Percent	87%, 80%, 70%
CMY	0.1294, 0.2039, 0.2980
CMYK	0.00, 0.09, 0.19, 0.13
HSL	33°, 39%, 79%
HSV	33°, 19%, 87%
XYZ	59.6168, 61.4961, 51.3756
YIQ	205.9450, 19.0280, -3.4360

# Conversions

## Conversions Part 2

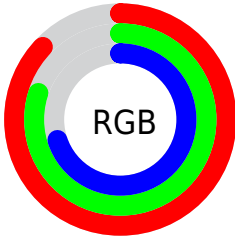
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 222, 179
Decimal	14601139
CIE Lab	82.64, 2.81, 14.37
CIE LCh	83, 14.647, 78.939
Yxy	61.4961, 0.3456, 0.3565
Android (android.graphics.Color)	4292791219 (0xFFDECBB3)
YUV	205.9450, -13.2839, 14.0802
Hunter-Lab	78.4195, -1.5331, 16.0505

# Details

The Hex color **DECBB3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B3C6DE**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFFEB**, and **A7957E** is the 20% darker color. If you saturate the color by 10%, you get **DEC19D**, and if you desaturate by 10%, it is **DED5C9**.

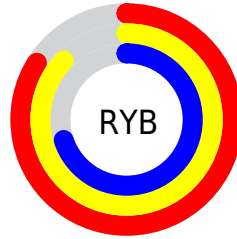
# Distribution



Red (87%)

Green (80%)

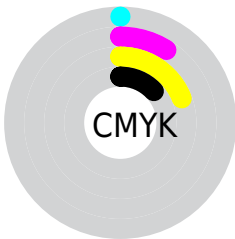
Blue (70%)



Red (84%)

Yellow (87%)

Blue (70%)

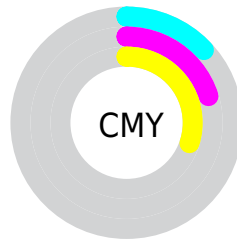


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (13%)



Cyan (13%)

Magenta (20%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DECBB3 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 DECBB3 by changing the saturation by 10% instead.



 DECBB3

FFFFFF

 FFFFEB

 DECBB3

 C2B098

 A7957E

 8C7B65

 72624D

 594B36

 413421

 2B1F0B

 130700

 000000

 DECBB3

 DECBB3

 DEC19D

 DED5C9

 DEB787

 DEDFDF

 DEAE70

 DEE8F6

 DEA45A

 DEF2FF

 DE9A44

 DEFCFF

 DE902E

 DEFFFF

 DE8618

 DE7D01

 DE7C00

# Harmonies

## Analogous

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



E8C7B9



DECBB3



CFD0B4

# Triad

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



DECBB3



ABD6D6



DBC8E0

# Complementary

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



DECBB3



B3C6DE

# 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.



CACCE8



DECBB3



ADD4E2

# Square

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



DECBB3



B2D6C8



B9D0E8



E7C5D3

# Rectangle

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



DECBB3



C5D2B8



B9D0E8



D6C9E3



# Sweetspot

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



DECBB3



FFF8F0



DEB3C6



807C77



000000



808080

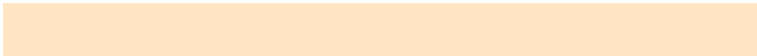


# Same Dimension

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



DECBB3



FFE5C4



DCDEB3



706B65



B06200



301B00

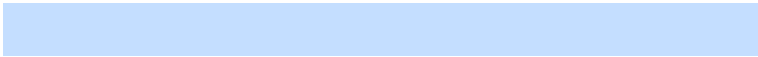


# Inverse Universe

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



B3C6DE



C4DEFF



B5B3DE



656A70



004EB0

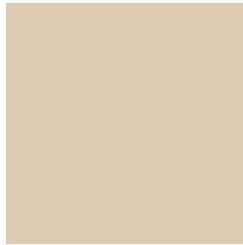


001530



# Previews

## White Background



This preview shows how the Hex color DECBB3 looks on a white background.

## Color Contrast Check

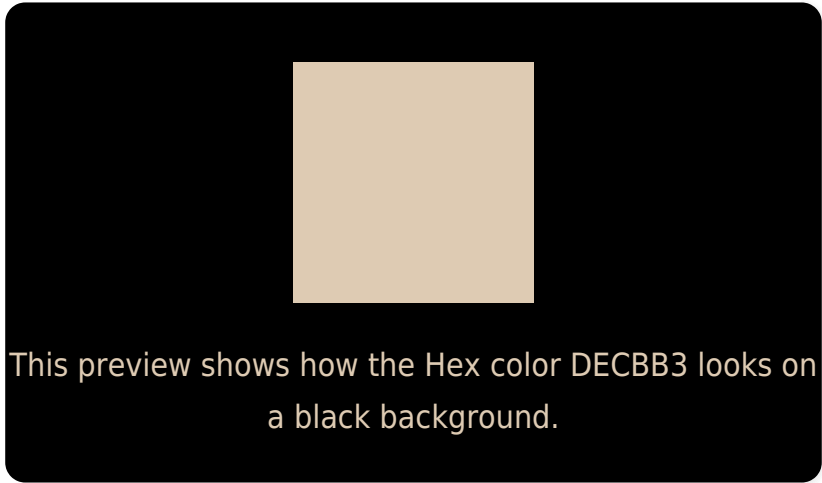
Large Text (above 18pt) WCAG AA × Fail

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

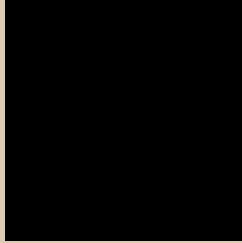
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

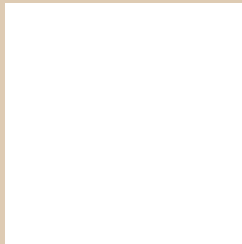
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DECBB3 Background



This preview shows how black text looks on a background with the Hex color DECBB3.



This preview shows how white text looks on a background with the Hex color DECBB3.

# 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**  
E2C6D6

# Trichromacy



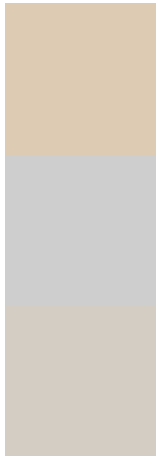
**Original Color**  
DECBB3

**Protanomaly**  
DACCBA

**Deuteranomaly**  
E6C8B4

**Tritanomaly**  
E1C8C9

# Monochromacy



**Original Color**  
DECBB3

**Achromatopsia**  
CECECE

**Achromatomaly**  
D4CDC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DECBB3 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 #DECBB3 looks like.

```
.text, #text, p{  
    color:#DECBB3  
}
```

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 #DECBB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DECBB3  
}
```

## Border

The CSS property to change the border of an element to Hex DECBB3 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  
#DECBB3 }
```

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

```
.border{ border-color:#DECBB3 }
```

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

Here you see how a box with a 4 pixel #DECBB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DECBB3; -webkit-box-shadow:4px 4px  
4px 4px #DECBB3; box-shadow:4px 4px 4px  
4px #DECBB3 }
```

# Background

The CSS property to change the background color of an element to Hex DECBB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DECBB3 }
```

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

```
.background{ background-color:#DECBB3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor