

# Converting Colors

Hex(DEBAAB)

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

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# **Color**

**Hex(DEBAAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEBAAB
RGB	222, 186, 171
RGB Percent	87%, 73%, 67%
CMY	0.1294, 0.2706, 0.3294
CMYK	0.00, 0.16, 0.23, 0.13
HSL	18°, 44%, 77%
HSV	18°, 23%, 87%
XYZ	55.0338, 53.5877, 45.9709
YIQ	195.0540, 26.2710, 2.9670

# Conversions

## Conversions Part 2

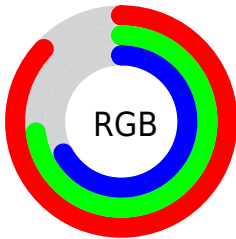
Format	Color
R <sub>Y</sub> B	222, 192, 171
Decimal	14596779
CIE Lab	78.22, 10.62, 12.41
CIE LCh	78, 16.333, 49.450
Yxy	53.5877, 0.3560, 0.3466
Android (android.graphics.Color)	4292786859 (0xFFDEBAAB)
YUV	195.0540, -11.8586, 23.6316
Hunter-Lab	73.2036, 6.0883, 14.0092

# Details

The Hex color **DEBAAB** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **ABCFDE**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF2E2**, and **A68577** is the 20% darker color. If you saturate the color by 10%, you get **DEAA95**, and if you desaturate by 10%, it is **DECAC1**.

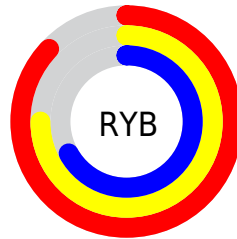
# Distribution



Red (87%)

Green (73%)

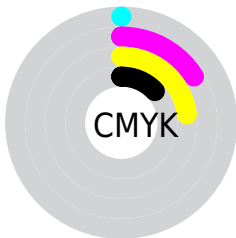
Blue (67%)



Red (87%)

Yellow (75%)

Blue (67%)

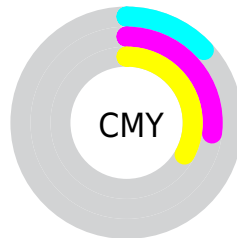


Cyan (0%)

Magenta (16%)

Yellow (23%)

Black (13%)



Cyan (13%)

Magenta (27%)

Yellow (33%)

# Brightness & Saturation Gradients

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



 DEBAAB

FFFFFF


 FFF2E2

 DEBAAB

 C29F90

 A68577

 8B6C5E

 715346

 583C30

 40261B

 2A1200

 080000

 000000

 DEBAAB

 DEBAAB

 DEAA95

 DECAC1

 DE9B7F

 DED9D7

 DE8B68

 DEE9EE

 DE7B52

 DEF9FF

 DE6C3C

 DEFFFF

 DE5C26

 DE4C10

 DE4100

# Harmonies

## Analogous

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



E2B7B8



DEBAAB



D3BFA4

# Triad

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



DEBAAB



A2CABB



BEBFDE

# Complementary

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



DEBAAB



ABCFDE

# 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.



ABC4DF



DEBAAB



9ACACB

# Square

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



DEBAAB



B2C8AD



9DC8D8



D0BBD5

# Rectangle

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



DEBAAB



C9C2A4



9DC8D8



B7C1DF



# Sweetspot

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



DEBAAB



FFF2ED



DEABD0



807875



000000



808080



# Same Dimension

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



DEBAAB



FFCDB8



DED3AB



706865



B03400



300E00

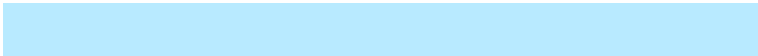


# Inverse Universe

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



ABCFDE



B8EAFF



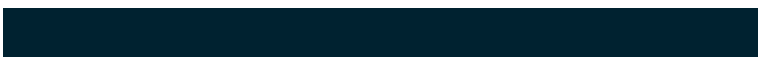
ABB6DE



656D70



007CB0



002230



# Previews

## White Background



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

## Color Contrast Check

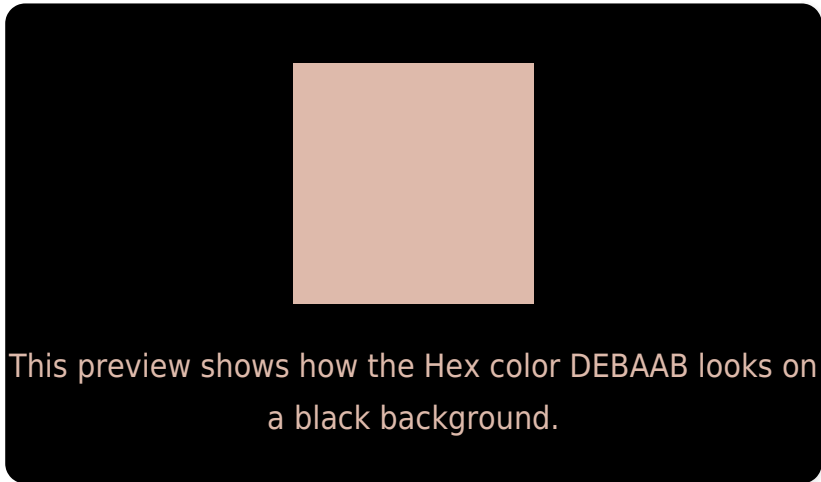
Large Text (above 18pt) WCAG AA × Fail

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

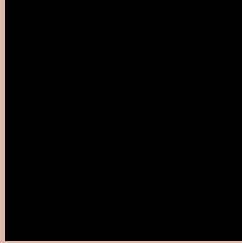
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DEBAAB Background



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



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

# 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**  
DEBAAB

**Protanopia**  
CAC1AF

**Deuteranopia**  
DDBBAB



**Tritanopia**  
E1B6C4

# Trichromacy



**Original Color**  
DEBAAB

**Protanomaly**  
D1BEAE

**Deuteranomaly**  
DDBBAB

**Tritanomaly**  
E0B7BB

# Monochromacy



**Original Color**  
DEBAAB

**Achromatopsia**  
C3C3C3

**Achromatomaly**  
CDC0BA

# CSS Examples

## Text

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

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

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 #DEBAAB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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