

Converting Colors

Hex(DEB584)

Have a look what the booklet for
Hex(DEB584) contains.

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Color

Hex(DEB584)

Conversions

Conversions Part 1

Format	Color
Hex	DEB584
RGB	222, 181, 132
RGB Percent	87%, 71%, 52%
CMY	0.1294, 0.2902, 0.4824
CMYK	0.00, 0.18, 0.41, 0.13
HSL	33°, 58%, 69%
HSV	33°, 41%, 87%
XYZ	50.8129, 50.2433, 28.8496
YIQ	187.6730, 40.1650, -6.5470

Conversions

Conversions Part 2

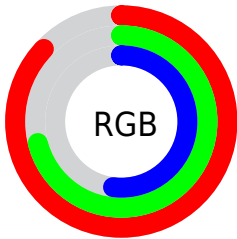
Format	Color
R_{YB}	207, 222, 132
Decimal	14595460
CIE _{Lab}	76.22, 8.31, 30.54
CIE _{LCh}	76, 31.651, 74.778
Yxy	50.2433, 0.3912, 0.3868
Android (android.graphics.Color)	4292785540 (0xFFDEB584)
YUV	187.6730, -27.4468, 30.1048
Hunter-Lab	70.8825, 3.9154, 25.4864

Details

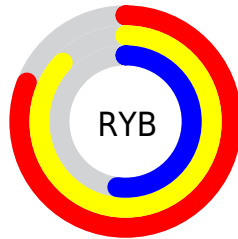
The Hex color **DEB584** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84ADDE**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFEDBA**, and **A58052** is the 20% darker color. If you saturate the color by 10%, you get **DEAB6E**, and if you desaturate by 10%, it is **DEBF9A**.

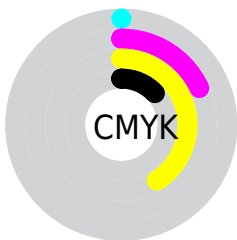
Distribution



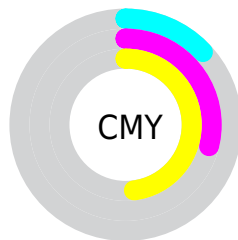
- Red (87%)
- Green (71%)
- Blue (52%)



- Red (81%)
- Yellow (87%)
- Blue (52%)



- Cyan (0%)
- Magenta (18%)
- Yellow (41%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEB584 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 DEB584 by changing the saturation by 10% instead.

 DEB584

FFFFFF

 FFEDBA

 FFFFFD5

 FFFFF2

 DEB584

 C19A6A

 A58052

 8A673A

 6F4F23

 55380D

 3C2300

 230F00

 000000

 DEB584

 DEB584

 DEAB6E

 DEBF9A

 DEA158

 DEC9B0

 DE9741

 DED3C7

 DE8D2B

 DEDDDD

 DE8215

 DEE8F3

 DE7900

 DEF2FF

 DEFCFF

 DEFFFF

Harmonies

Analogous

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



F1AC94



DEB584



C2BF83

Triad

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



DEB584



64CCCA



D2AFE6

Complementary

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



DEB584



84ADDE

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.



ABBAF4



DEB584



62CAE4

Square

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



DEB584



7FCBAC



81C3F4



ECA8CC

Rectangle

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



DEB584



ACC48B



81C3F4



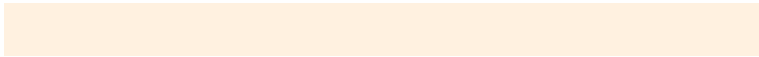
C6B3EC

Sweetspot

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



DEB584



FFF1E0



DE84AE



80776E



000000



808080

Same Dimension

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



DEB584



FFC682



DBDE84



706B65



B06000



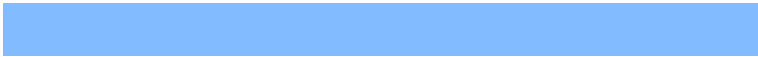
301A00

Inverse Universe

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



84ADDE



82BBFF



8784DE



656A70



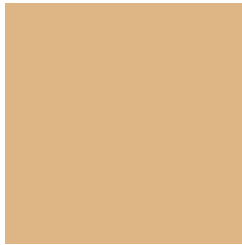
0050B0



001630

Previews

White Background



This preview shows how the Hex color DEB584 looks on a white background.

Color Contrast Check

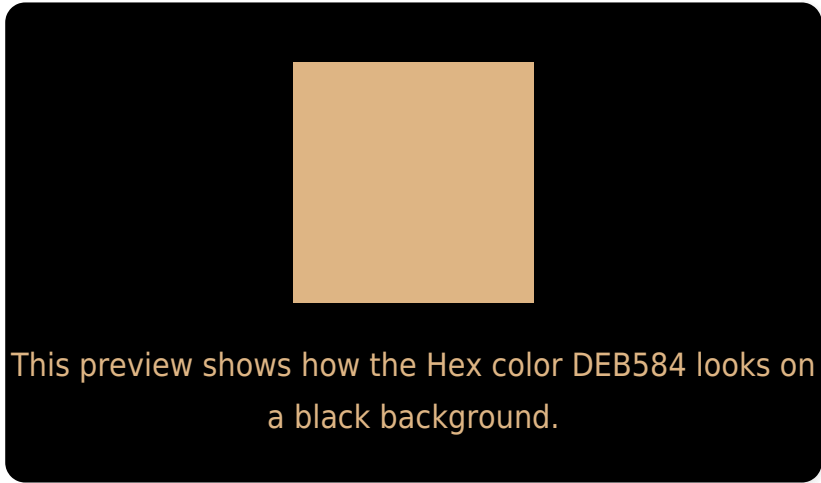
Large Text (above 18pt) WCAG AA × Fail

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

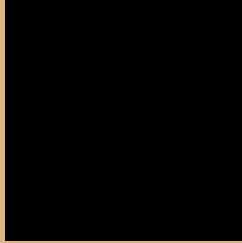
Any Text WCAG AA ✓ Pass

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 DEB584 Background



This preview shows how black text looks on a background with the Hex color DEB584.



This preview shows how white text looks on a background with the Hex color DEB584.

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
DEB584

Protanopia
CBBC87

Deuteranopia
E0B484

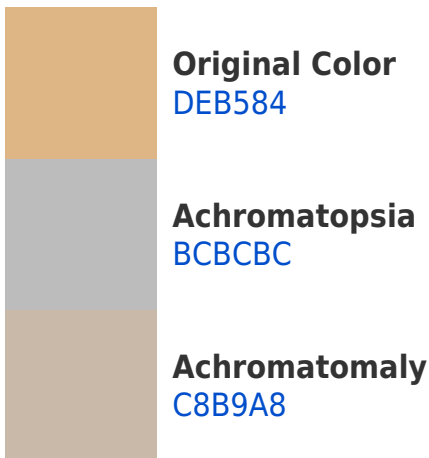


Tritanopia
E4AEBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEB584 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 #DEB584 looks like.

```
.text, #text, p{  
    color:#DEB584  
}
```

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 #DEB584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEB584
}
```

Border

The CSS property to change the border of an element to Hex DEB584 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
#DEB584 }
```

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

```
.border{ border-color:#DEB584 }
```

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

Here you see how a box with a 4 pixel #DEB584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEB584; -webkit-box-shadow:4px 4px  
4px 4px #DEB584; box-shadow:4px 4px 4px  
4px #DEB584 }
```

Background

The CSS property to change the background color of an element to Hex DEB584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEB584 }
```

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

```
.background{ background-color:#DEB584 }
```

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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