

Converting Colors

Hex(DEA587)

Have a look what the booklet for
Hex(DEA587) contains.

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Color

Hex(DEA587)

Conversions

Conversions Part 1

Format	Color
Hex	DEA587
RGB	222, 165, 135
RGB Percent	87%, 65%, 53%
CMY	0.1294, 0.3529, 0.4706
CMYK	0.00, 0.26, 0.39, 0.13
HSL	21°, 57%, 70%
HSV	21°, 39%, 87%
XYZ	47.9525, 44.1891, 28.9237
YIQ	178.6230, 43.6020, 2.7540

Conversions

Conversions Part 2

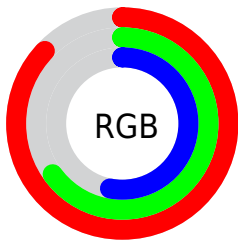
Format	Color
R _Y B	222, 181, 135
Decimal	14591367
CIE Lab	72.35, 17.20, 23.77
CIE LCh	72, 29.341, 54.107
Yxy	44.1891, 0.3961, 0.3650
Android (android.graphics.Color)	4292781447 (0xFFDEA587)
YUV	178.6230, -21.5061, 38.0416
Hunter-Lab	66.4749, 12.4321, 20.7350

Details

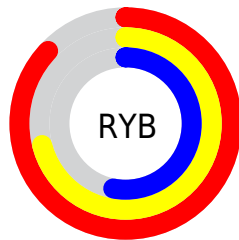
The Hex color **DEA587** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **87C0DE**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFDCBC**, and **A57155** is the 20% darker color. If you saturate the color by 10%, you get **DE9671**, and if you desaturate by 10%, it is **DEB49D**.

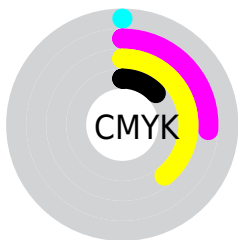
Distribution



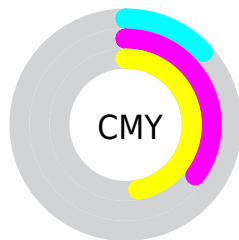
- Red (87%)
- Green (65%)
- Blue (53%)



- Red (87%)
- Yellow (71%)
- Blue (53%)



- Cyan (0%)
- Magenta (26%)
- Yellow (39%)
- Black (13%)



- Cyan (13%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEA587 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 DEA587 by changing the saturation by 10% instead.

 DEA587

 DEA587

FFFFFF

 C18B6E

 FFDCBC

 A57155

 FFF9D8

 89583E

 FFFFF5

 6E4127

 542A12

 3B1500

 240000

 000000

 DEA587

 DEA587

 DE9671

 DEB49D

 DE885B

 DEC2B3

 DE7944

 DED1CA

 DE6B2E

 DEDFE0

 DE5C18

 DEEEF6

 DE4E02

 DEFCFF

 DE4D00

 DEFFFF

Harmonies

Analogous

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



E79F9D



DEA587



CAAE7C

Triad

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



DEA587



71C0AB



AEACE2

Complementary

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



DEA587



87CODE

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.



87B6E6



DEA587



5FC0C6

Square

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



DEA587



8FBD91



67BCDC



CFA3D1

Rectangle

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



DEA587



B8B47D



67BCDC



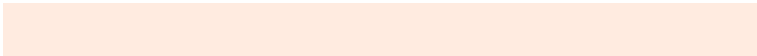
A2B0E5

Sweetspot

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



DEA587



FFEBE0



DE87C1



80746E



000000



808080

Same Dimension

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



DEA587



FFB087



DED087



706965



B03D00



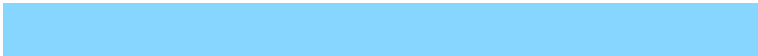
301100

Inverse Universe

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



87C0DE



87D6FF



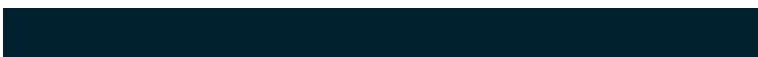
8796DE



656C70



0073B0



002030

Previews

White Background



This preview shows how the Hex color #DEA587 looks on a white background.

Color Contrast Check

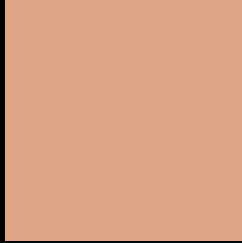
Large Text (above 18pt) WCAG AA × Fail

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 #DEA587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

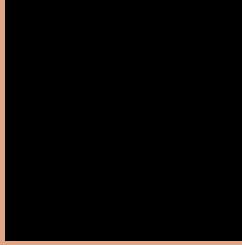
Any Text WCAG AA ✓ Pass

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 DEA587 Background



This preview shows how black text looks on a background with the Hex color DEA587.

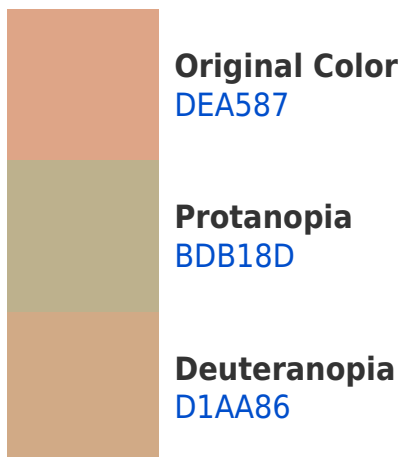


This preview shows how white text looks on a background with the Hex color DEA587.

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](#).

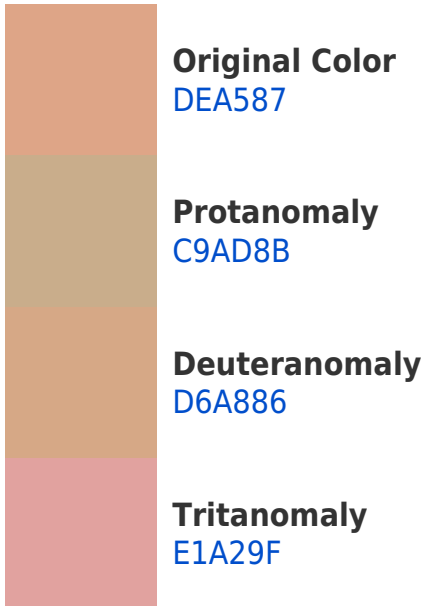
Dichromacy



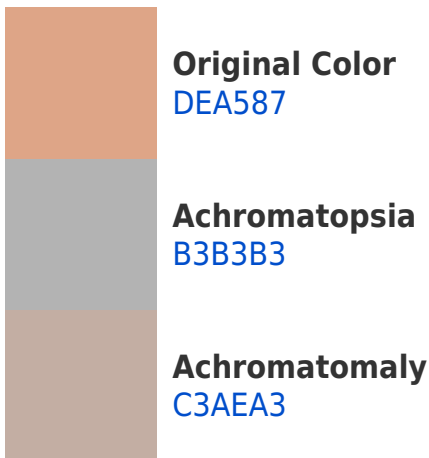


Tritanopia
E2A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEA587 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 #DEA587 looks like.

```
.text, #text, p{  
    color:#DEA587  
}
```

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 #DEA587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA587
}
```

Border

The CSS property to change the border of an element to Hex DEA587 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
#DEA587 }
```

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

```
.border{ border-color:#DEA587 }
```

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

Here you see how a box with a 4 pixel #DEA587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA587; -webkit-box-shadow:4px 4px  
4px 4px #DEA587; box-shadow:4px 4px 4px  
4px #DEA587 }
```

Background

The CSS property to change the background color of an element to Hex DEA587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA587 }
```

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

```
.background{ background-color:#DEA587 }
```

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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