

Converting Colors

Hex(DE836B)

Have a look what the booklet for
Hex(DE836B) contains.

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Color

Hex(DE836B)

Conversions

Conversions Part 1

Format	Color
Hex	DE836B
RGB	222, 131, 107
RGB Percent	87%, 51%, 42%
CMY	0.1294, 0.4863, 0.5804
CMYK	0.00, 0.41, 0.52, 0.13
HSL	13°, 64%, 65%
HSV	13°, 52%, 87%
XYZ	40.8943, 32.8237, 18.0902
YIQ	155.4730, 61.9400, 11.8280

Conversions

Conversions Part 2

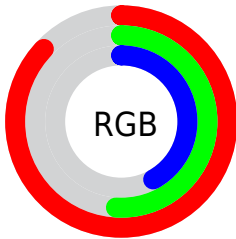
Format	Color
R _Y B	222, 137, 107
Decimal	14582635
CIE Lab	64.02, 32.56, 28.01
CIE LCh	64, 42.953, 40.706
Yxy	32.8237, 0.4454, 0.3575
Android (android.graphics.Color)	4292772715 (0xFFDE836B)
YUV	155.4730, -23.8972, 58.3442
Hunter-Lab	57.2920, 27.1502, 21.3834

Details

The Hex color **DE836B** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **6BC6DE**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB99F**, and **A3503B** is the 20% darker color. If you saturate the color by 10%, you get **DE7155**, and if you desaturate by 10%, it is **DE9581**.

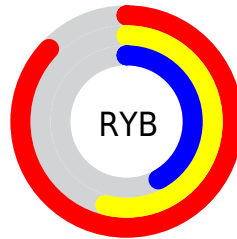
Distribution



Red (87%)

Green (51%)

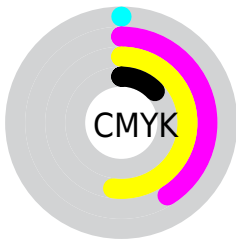
Blue (42%)



Red (87%)

Yellow (54%)

Blue (42%)

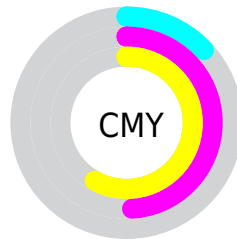


Cyan (0%)

Magenta (41%)

Yellow (52%)

Black (13%)



Cyan (13%)

Magenta (49%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE836B 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 DE836B by changing the saturation by 10% instead.

 DE836B

 DE836B

FFFFFF

 C06953

 FFB99F

 A3503B

 FFD5BA

 863825

 FFF2D5

 6A1F10

 FFFFF2

 4F0400

 340000

 100000

 000000

 DE836B

 DE836B

 DE7155

 DE9581

 DE603F

 DEA697

 DE4E28

 DEB8AE

 DE3D12

 DEC9C4

 DE2E00

 DEDBDA

 DEECF0

 DEFEFF

 DEFFFF

Harmonies

Analogous

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



E47C8F



DE836B



C79053

Triad

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



DE836B



46AD81



769AE6

Complementary

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



DE836B



6BC6DE

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.



02A6E3



DE836B



00AFA8

Square

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



DE836B



7CA75F



00ADCC



B08CD5

Rectangle

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



DE836B



B2994D



00ADCC



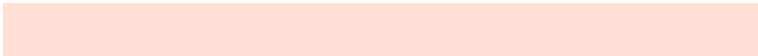
5D9FE7

Sweetspot

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



DE836B



FFDFD6



DE6BC7



806C67



000000



808080

Same Dimension

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



DE836B



FF8261



DEBB6B



706765



B02500



300A00

Inverse Universe

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



6BC6DE



61DEFF



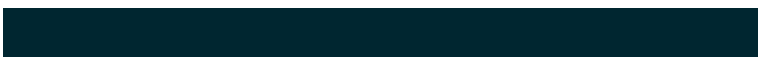
6B8DDE



656E70



008BB0



002630

Previews

White Background



This preview shows how the Hex color DE836B looks on a white background.

Color Contrast Check

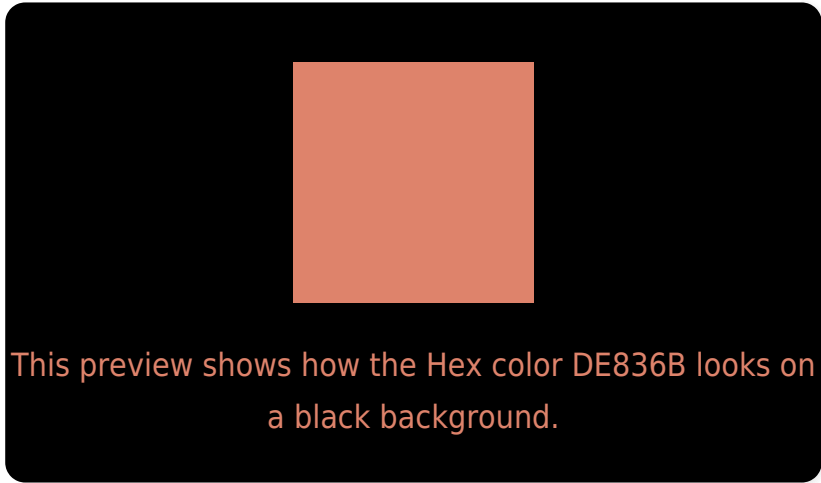
Large Text (above 18pt) WCAG AA × Fail

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 DE836B Background



This preview shows how black text looks on a background with the Hex color DE836B.



This preview shows how white text looks on a background with the Hex color DE836B.

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](#).

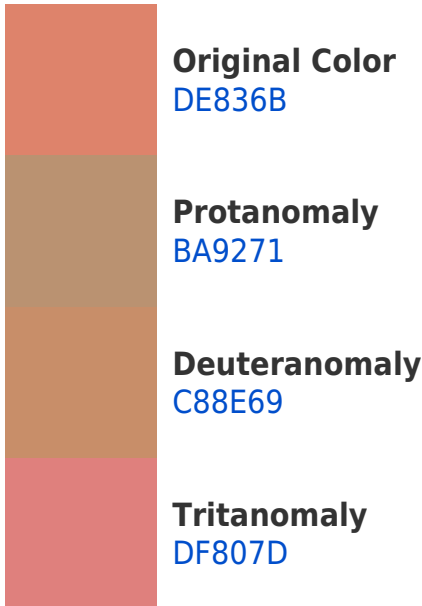
Dichromacy



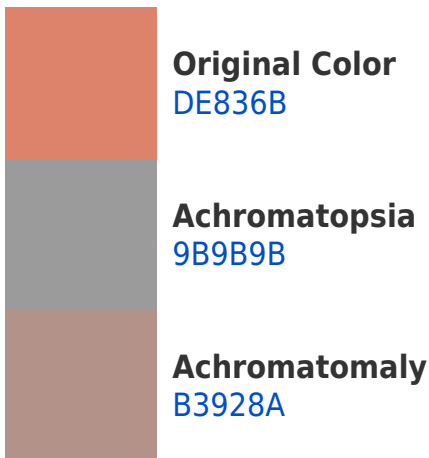


Tritanopia
E07F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE836B 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 #DE836B looks like.

```
.text, #text, p{  
    color:#DE836B  
}
```

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 #DE836B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE836B
}
```

Border

The CSS property to change the border of an element to Hex DE836B 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
#DE836B }
```

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

```
.border{ border-color:#DE836B }
```

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

Here you see how a box with a 4 pixel #DE836B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE836B; -webkit-box-shadow:4px 4px  
4px 4px #DE836B; box-shadow:4px 4px 4px  
4px #DE836B }
```

Background

The CSS property to change the background color of an element to Hex DE836B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE836B }
```

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

```
.background{ background-color:#DE836B }
```

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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