

# Converting Colors

Hex(DE906E)

Have a look what the booklet for  
Hex(DE906E) contains.

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# **Color**

**Hex(DE906E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE906E
RGB	222, 144, 110
RGB Percent	87%, 56%, 43%
CMY	0.1294, 0.4353, 0.5686
CMYK	0.00, 0.35, 0.50, 0.13
HSL	18°, 63%, 65%
HSV	18°, 50%, 87%
XYZ	42.9119, 36.6019, 19.5550
YIQ	163.4460, 57.4020, 5.9620

# Conversions

## Conversions Part 2

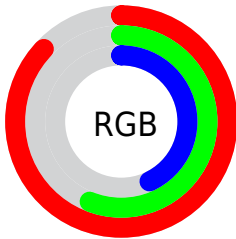
Format	Color
R <sub>Y</sub> B	222, 159, 110
Decimal	14585966
CIE Lab	66.98, 25.91, 30.22
CIE LCh	67, 39.813, 49.391
Yxy	36.6019, 0.4332, 0.3695
Android (android.graphics.Color)	4292776046 (0xFFDE906E)
YUV	163.4460, -26.3489, 51.3519
Hunter-Lab	60.4995, 20.7348, 23.1856

# Details

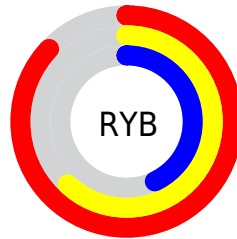
The Hex color **DE906E** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6EBCDE**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFC6A2**, and **A45D3E** is the 20% darker color. If you saturate the color by 10%, you get **DE8158**, and if you desaturate by 10%, it is **DE9F84**.

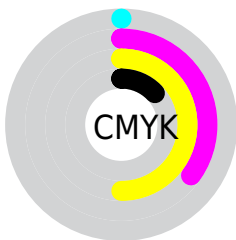
# Distribution



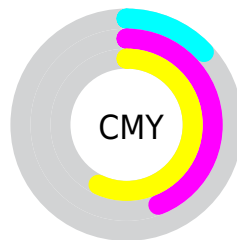
- Red (87%)
- Green (56%)
- Blue (43%)



- Red (87%)
- Yellow (62%)
- Blue (43%)



- Cyan (0%)
- Magenta (35%)
- Yellow (50%)
- Black (13%)



- Cyan (13%)
- Magenta (44%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE906E 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 DE906E by changing the saturation by 10% instead.




 DE906E

 DE906E

FFFFFF

 C17655

 FFC6A2

 A45D3E

 FFE2BD

 874527

 FFFFD9

 6B2D11

 FFFFF6

 511600

 350000

 1A0001

 000000

 DE906E

 DE906E

 DE8158

 DE9F84

 DE7142

 DEAF9A

 DE622B

 DEBEB1

 DE5215

 DECEC7

 DE4300

 DEDDDD

 DEEDF3

 DEFCFF

 DEFFFF

# Harmonies

## Analogous

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



E8878D



DE906E



C59C5C

# Triad

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



DE906E



48B595



949EE6

# Complementary

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



DE906E



6EBCDE

# 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.



53AAE9



DE906E



00B6BA

# Square

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



DE906E



7AB173



00B2D8



C391D2

# Rectangle

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



DE906E



AFA55B



00B2D8



80A3E9

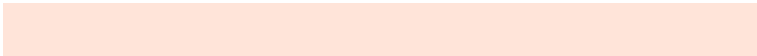


# Sweetspot

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



DE906E



FFE4D9



DE6EBC



807069



000000



808080



# Same Dimension

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



DE906E



FF9363



DEC86E



706865



B03500



300F00



# Inverse Universe

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



6EBCDE



63D0FF



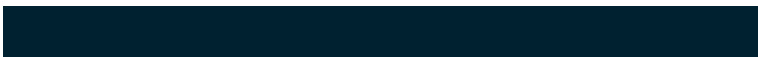
6E84DE



656D70



007BB0



002230



# Previews

## White Background



This preview shows how the Hex color DE906E looks on a white background.

## Color Contrast Check

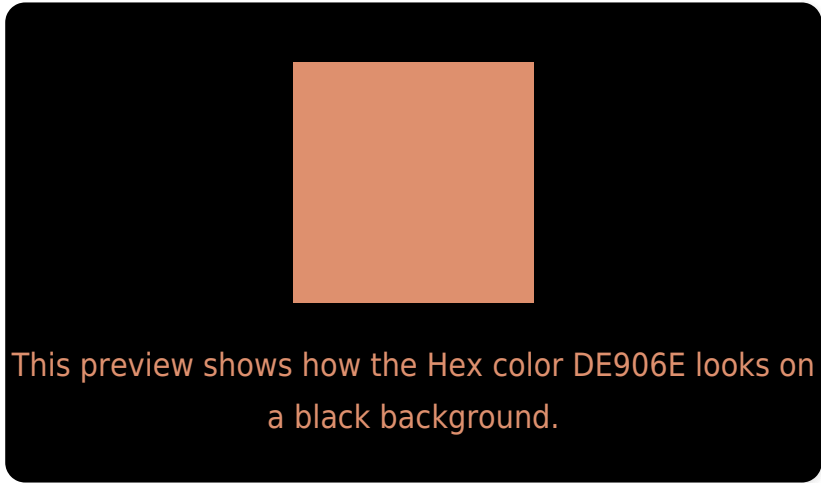
Large Text (above 18pt) WCAG AA × Fail

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

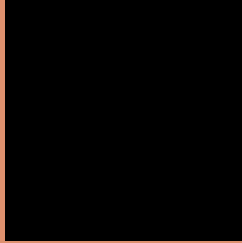
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DE906E Background



This preview shows how black text looks on a background with the Hex color DE906E.

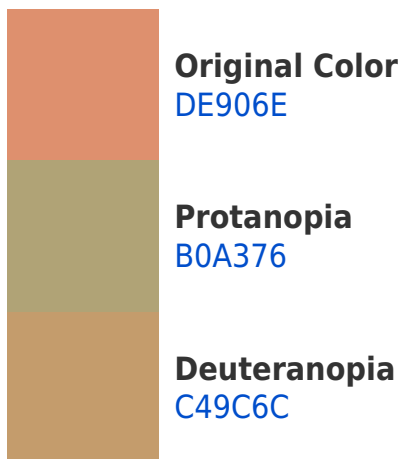


This preview shows how white text looks on a background with the Hex color DE906E.

# 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**  
E18B95

# Trichromacy



**Original Color**  
DE906E

**Protanomaly**  
C19C73

**Deuteranomaly**  
CD986D

**Tritanomaly**  
E08D87

# Monochromacy



**Original Color**  
DE906E

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
B89C90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE906E 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 #DE906E looks like.

```
.text, #text, p{  
    color:#DE906E  
}
```

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 #DE906E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE906E
}
```

## Border

The CSS property to change the border of an element to Hex DE906E 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
#DE906E }
```

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

```
.border{ border-color:#DE906E }
```

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

Here you see how a box with a 4 pixel #DE906E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE906E; -webkit-box-shadow:4px 4px  
4px 4px #DE906E; box-shadow:4px 4px 4px  
4px #DE906E }
```

# Background

The CSS property to change the background color of an element to Hex DE906E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE906E }
```

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

```
.background{ background-color:#DE906E }
```

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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