

Converting Colors

Hex(D97E66)

Have a look what the booklet for
Hex(D97E66) contains.

Hex(D97E66)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D97E66)

Conversions

Conversions Part 1

Format	Color
Hex	D97E66
RGB	217, 126, 102
RGB Percent	85%, 49%, 40%
CMY	0.1490, 0.5059, 0.6000
CMYK	0.00, 0.42, 0.53, 0.15
HSL	13°, 60%, 63%
HSV	13°, 53%, 85%
XYZ	38.4744, 30.6327, 16.4553
YIQ	150.4730, 61.9400, 11.8280

Conversions

Conversions Part 2

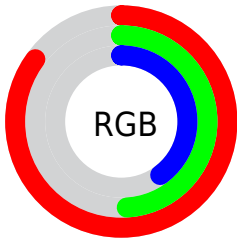
Format	Color
R _Y B	217, 132, 102
Decimal	14253670
CIE Lab	62.20, 32.82, 28.29
CIE LCh	62, 43.326, 40.764
Yxy	30.6327, 0.4497, 0.3580
Android (android.graphics.Color)	4292443750 (0xFFD97E66)
YUV	150.4730, -23.8972, 58.3442
Hunter-Lab	55.3468, 27.2274, 21.1152

Details

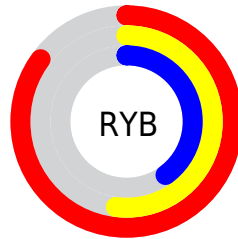
The Hex color **D97E66** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66C1D9**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB499**, and **9E4B37** is the 20% darker color. If you saturate the color by 10%, you get **D96D50**, and if you desaturate by 10%, it is **D98F7C**.

Distribution



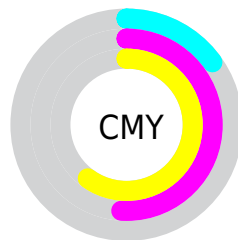
- Red (85%)
- Green (49%)
- Blue (40%)



- Red (85%)
- Yellow (52%)
- Blue (40%)



- Cyan (0%)
- Magenta (42%)
- Yellow (53%)
- Black (15%)



- Cyan (15%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color D97E66 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 D97E66 by changing the saturation by 10% instead.

 D97E66

 D97E66

FFFFFF

 BB644E

 FFB499

 9E4B37

 FFD0B4

 823321

 FFECD0

 651A0B

 FFFFEC

 4A0000

 310000

 000000

 D97E66

 D97E66

 D96D50

 D98F7C

 D95C3B

 D9A091

 D94A25

 D9B2A7

 D9390F

 D9C3BD

 D92D00

 D9D4D3

 D9E5E8

 D9F6FE

 D9FFFF

Harmonies

Analogous

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



DF778A



D97E66



C28B4D

Triad

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



D97E66



3FA87C



7096E2

Complementary

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



D97E66



66C1D9

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.



00A1DE



D97E66



00AAA3

Square

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



D97E66



76A25A



00A8C7



AC87D1

Rectangle

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



D97E66



AD9447



00A8C7



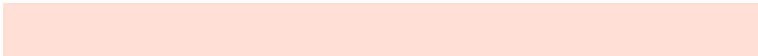
569AE3

Sweetspot

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



D97E66



FFDFD6



D966C2



806C67



000000



808080

Same Dimension

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



D97E66



FF7E5C



D9B666



6E6563



AD2400



2E0A00

Inverse Universe

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



66C1D9



5CDDFF



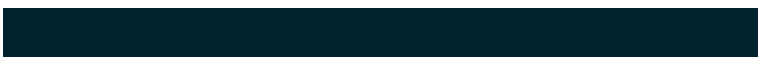
6688D9



636B6E



0089AD



00242E

Previews

White Background



This preview shows how the Hex color D97E66 looks on a white background.

Color Contrast Check

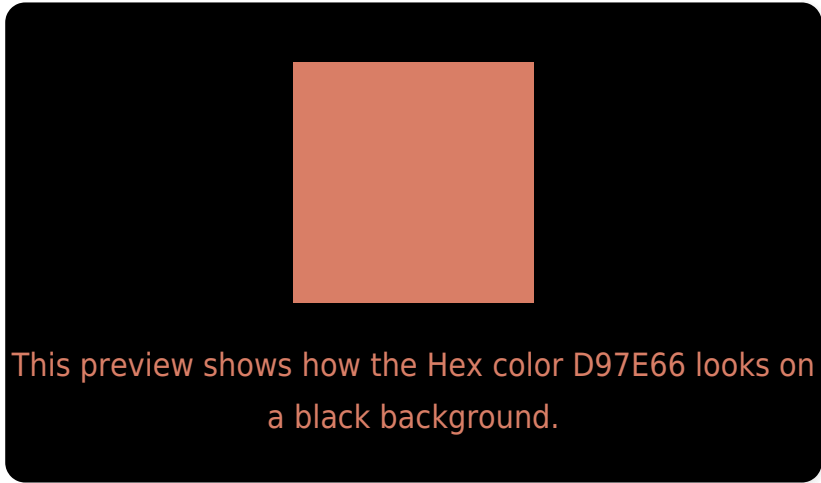
Large Text (above 18pt) WCAG AA × Fail

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 D97E66 Background



This preview shows how black text looks on a background with the Hex color D97E66.




This preview shows how white text looks on a background with the Hex color D97E66.

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
DB7A83

Trichromacy



Original Color
D97E66

Protanomaly
B68E6C

Deuteranomaly
C28964

Tritanomaly
DA7B78

Monochromacy



Original Color
D97E66

Achromatopsia
969696

Achromatomaly
AE8D85

CSS Examples

Text

The CSS property to change the color of the text to Hex D97E66 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 #D97E66 looks like.

```
.text, #text, p{  
    color:#D97E66  
}
```

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 #D97E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D97E66
}
```

Border

The CSS property to change the border of an element to Hex D97E66 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
#D97E66 }
```

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

```
.border{ border-color:#D97E66 }
```

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

Here you see how a box with a 4 pixel #D97E66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D97E66; -webkit-box-shadow:4px 4px  
4px 4px #D97E66; box-shadow:4px 4px 4px  
4px #D97E66 }
```

Background

The CSS property to change the background color of an element to Hex D97E66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D97E66 }
```

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

```
.background{ background-color:#D97E66 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor