

Converting Colors

Hex(D57866)

Have a look what the booklet for
Hex(D57866) contains.

Hex(D57866)	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(D57866)

Conversions

Conversions Part 1

Format	Color
Hex	D57866
RGB	213, 120, 102
RGB Percent	84%, 47%, 40%
CMY	0.1647, 0.5294, 0.6000
CMYK	0.00, 0.44, 0.52, 0.16
HSL	10°, 57%, 62%
HSV	10°, 52%, 84%
XYZ	36.5553, 28.5384, 16.1522
YIQ	145.7550, 61.2060, 14.1180

Conversions

Conversions Part 2

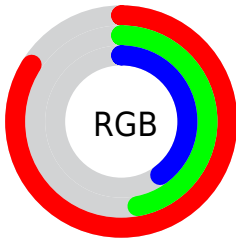
Format	Color
R_{YB}	213, 123, 102
Decimal	13989990
CIE _{Lab}	60.37, 34.42, 25.80
CIE _{LCh}	60, 43.021, 36.853
Yxy	28.5384, 0.4499, 0.3513
Android (android.graphics.Color)	4292180070 (0xFFD57866)
YUV	145.7550, -21.5712, 58.9739
Hunter-Lab	53.4213, 28.6572, 19.4684

Details

The Hex color **D57866** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66C3D5**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFAE99**, and **9A4537** is the 20% darker color. If you saturate the color by 10%, you get **D56651**, and if you desaturate by 10%, it is **D58A7B**.

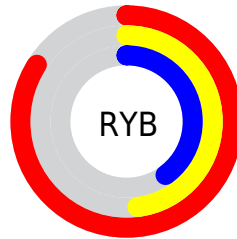
Distribution



Red (84%)

Green (47%)

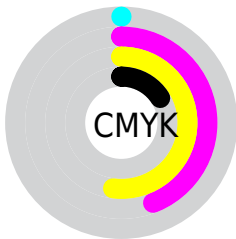
Blue (40%)



Red (84%)

Yellow (48%)

Blue (40%)

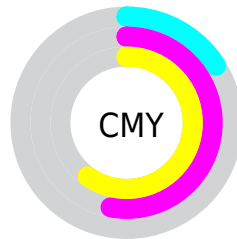


Cyan (0%)

Magenta (44%)

Yellow (52%)

Black (16%)



Cyan (16%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color D57866 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 D57866 by changing the saturation by 10% instead.

 D57866

 D57866

FFFFFF

 B75E4E

 FFAE99

 9A4537

 FFC9B4

 7E2D21

 FFE6D0

 62130C

 FFFFEC

 460000

 2F0001

 000000

 D57866

 D57866

 D56651

 D58A7B

 D5543B

 D59C91

 D54226

 D5AEA6

 D53111

 D5BFBB

 D52300

 D5D1D1

 D5E3E6

 D5F5FB

 D5FFFF

Harmonies

Analogous

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



D9728A



D57866



C0854C

Triad

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



D57866



44A372



6293DD

Complementary

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



D57866



66C3D5

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.



009DD7



D57866



00A599

Square

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



D57866



789C53



00A3BE



A084CE

Rectangle

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



D57866



AC8E44



00A3BE



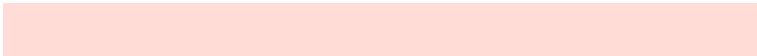
4597DD

Sweetspot

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



D57866



FFDD66



D566C4



806B67



000000



808080

Same Dimension

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



D57866



FF785E



D5AE66



6B6260



AB1C00



2B0700

Inverse Universe

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



66C3D5



5EE5FF



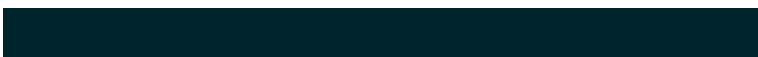
668DD5



60696B



008FAB



00242B

Previews

White Background



This preview shows how the Hex color D57866 looks on a white background.

Color Contrast Check

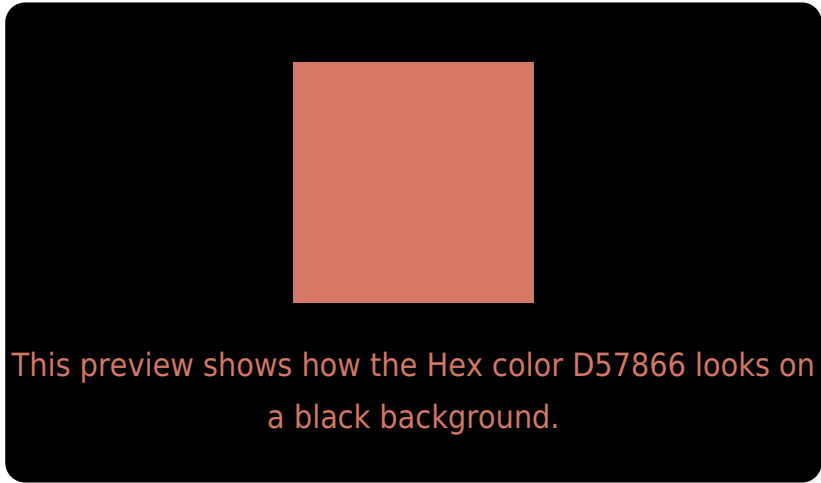
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex D57866 Background



This preview shows how black text looks on a background with the Hex color D57866.



This preview shows how white text looks on a background with the Hex color D57866.

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
D57866

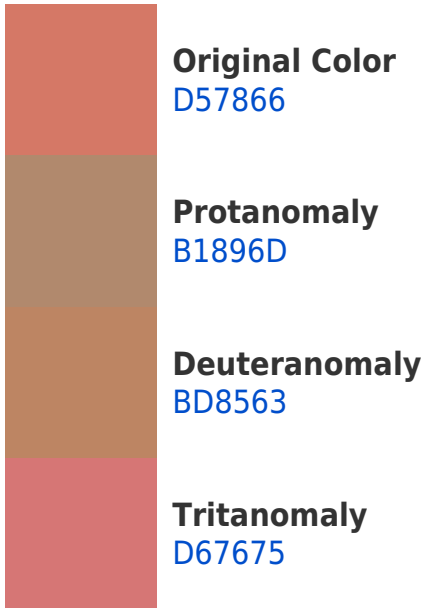
Protanopia
9C9271

Deuteranopia
AF8C62

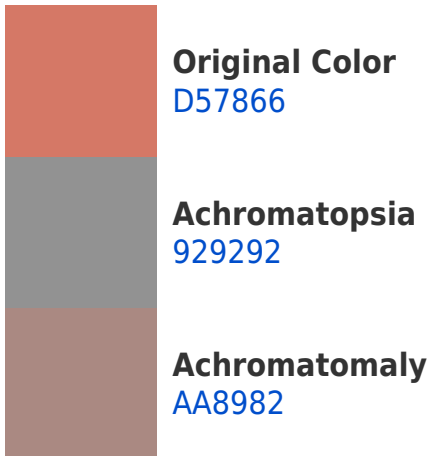


Tritanopia
D7757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D57866 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 #D57866 looks like.

```
.text, #text, p{  
    color:#D57866  
}
```

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 #D57866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D57866
}
```

Border

The CSS property to change the border of an element to Hex D57866 is called "border". The border property can be set on classes, ids or directly on the HTML element.

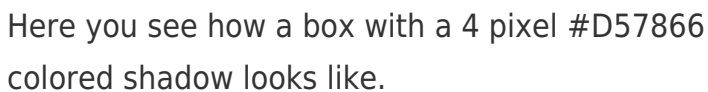
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D57866 }
```

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

```
.border{ border-color:#D57866 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #D57866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D57866; -webkit-box-shadow:4px 4px  
4px 4px #D57866; box-shadow:4px 4px 4px  
4px #D57866 }
```

Background

The CSS property to change the background color of an element to Hex D57866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D57866 }
```

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

```
.background{ background-color:#D57866 }
```

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