

# Converting Colors

Hex(D8866C)

Have a look what the booklet for  
Hex(D8866C) contains.

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# **Color**

**Hex(D8866C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8866C
RGB	216, 134, 108
RGB Percent	85%, 53%, 42%
CMY	0.1529, 0.4745, 0.5765
CMYK	0.00, 0.38, 0.50, 0.15
HSL	14°, 58%, 64%
HSV	14°, 50%, 85%
XYZ	39.5508, 32.7318, 18.4207
YIQ	155.5540, 57.2180, 9.2980

# Conversions

## Conversions Part 2

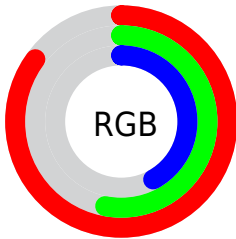
Format	Color
R <sub>Y</sub> B	216, 142, 108
Decimal	14190188
CIE Lab	63.94, 28.70, 27.22
CIE LCh	64, 39.557, 43.479
Yxy	32.7318, 0.4360, 0.3609
Android (android.graphics.Color)	4292380268 (0xFFD8866C)
YUV	155.5540, -23.4441, 53.0111
Hunter-Lab	57.2117, 23.2774, 20.9584

# Details

The Hex color **D8866C** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **6CBED8**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFBCA0**, and **9E533C** is the 20% darker color. If you saturate the color by 10%, you get **D87656**, and if you desaturate by 10%, it is **D89682**.

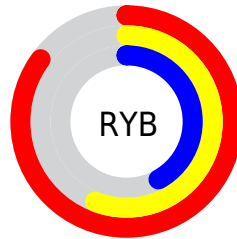
# Distribution



Red (85%)

Green (53%)

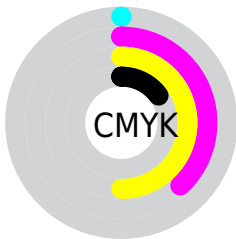
Blue (42%)



Red (85%)

Yellow (56%)

Blue (42%)

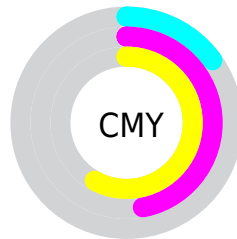


Cyan (0%)

Magenta (38%)

Yellow (50%)

Black (15%)



Cyan (15%)

Magenta (47%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8866C 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 D8866C by changing the saturation by 10% instead.



 D8866C

 D8866C

FFFFFF

 BB6C54

 FFBCA0

 9E533C

 FFD8BB

 813B26

 FFF5D7

 662411

 FFFFF3

 4B0B00

 310000

 070000

 000000

 D8866C

 D8866C

 D87656

 D89682

 D86541

 D8A797

 D8552B

 D8B7AD

 D84416

 D8C8C2

 D83400

 D8D8D8

 D8E8EE

 D8F9FF

 D8FFFF

# Harmonies

## Analogous

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



DF7F8C



D8866C



C29257

# Triad

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



D8866C



4BAC86



8099DF

# Complementary

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



D8866C



6CBED8

# 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.



39A4DE



D8866C



00AEAA

# Square

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



D8866C



7AA766



00ABCA



B38CCE

# Rectangle

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



D8866C



AD9A53



00ABCA



6B9DE1

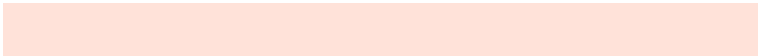


# Sweetspot

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



D8866C



FFE2D9



D86CBF



806E69



000000



808080



# Same Dimension

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



D8866C



FF8B66



D8BB6C



6B6360



AB2900



2B0A00



# Inverse Universe

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



6CBED8



66DAFF



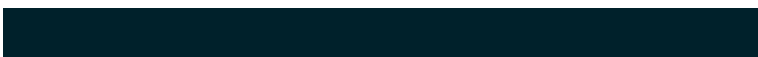
6C89D8



60696B



0082AB



00212B



# Previews

## White Background



This preview shows how the Hex color D8866C looks on a white background.

## Color Contrast Check

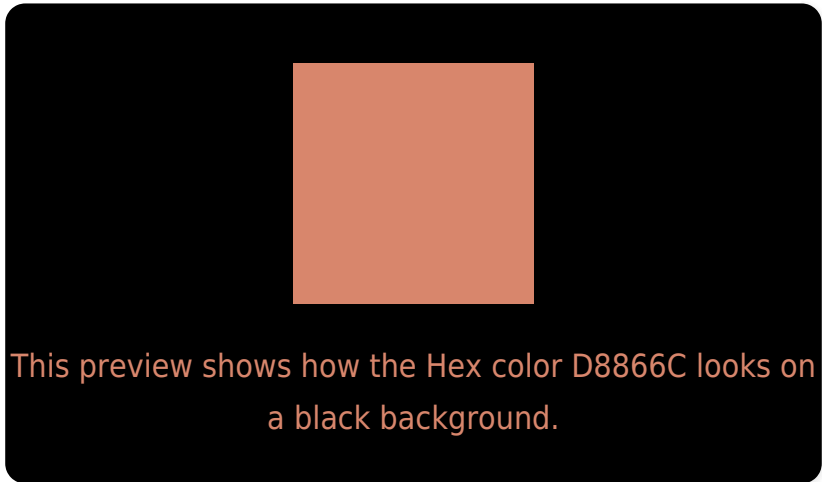
Large Text (above 18pt) WCAG AA × Fail

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

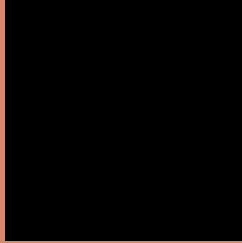
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D8866C Background



This preview shows how black text looks on a background with the Hex color D8866C.



This preview shows how white text looks on a background with the Hex color D8866C.

# 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](#).

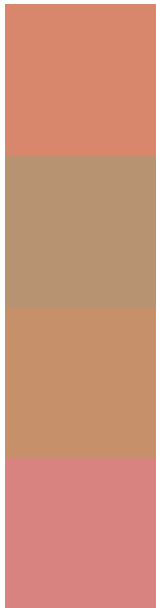
## Dichromacy





**Tritanopia**  
DA828B

# Trichromacy



**Original Color**  
D8866C

**Protanomaly**  
B89372

**Deuteranomaly**  
C5906A

**Tritanomaly**  
D98380

# Monochromacy



**Original Color**  
D8866C

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
B2948B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8866C 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 #D8866C looks like.

```
.text, #text, p{  
    color:#D8866C  
}
```

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 #D8866C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8866C
}
```

## Border

The CSS property to change the border of an element to Hex D8866C 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
#D8866C }
```

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

```
.border{ border-color:#D8866C }
```

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

Here you see how a box with a 4 pixel #D8866C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8866C; -webkit-box-shadow:4px 4px  
4px 4px #D8866C; box-shadow:4px 4px 4px  
4px #D8866C }
```

# Background

The CSS property to change the background color of an element to Hex D8866C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8866C }
```

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

```
.background{ background-color:#D8866C }
```

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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