

# Converting Colors

Hex(D8836F)

Have a look what the booklet for  
Hex(D8836F) contains.

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# **Color**

**Hex(D8836F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8836F
RGB	216, 131, 111
RGB Percent	85%, 51%, 44%
CMY	0.1529, 0.4863, 0.5647
CMYK	0.00, 0.39, 0.49, 0.15
HSL	11°, 57%, 64%
HSV	11°, 49%, 85%
XYZ	39.3044, 31.9792, 19.1400
YIQ	154.1350, 57.0800, 11.8000

# Conversions

## Conversions Part 2

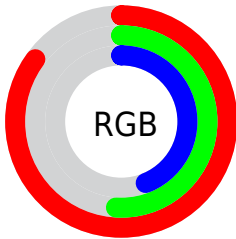
Format	Color
R <sub>Y</sub> B	216, 136, 111
Decimal	14189423
CIE Lab	63.33, 30.59, 24.73
CIE LCh	63, 39.337, 38.957
Yxy	31.9792, 0.4347, 0.3537
Android (android.graphics.Color)	4292379503 (0xFFD8836F)
YUV	154.1350, -21.2656, 54.2556
Hunter-Lab	56.5502, 25.1012, 19.5178

# Details

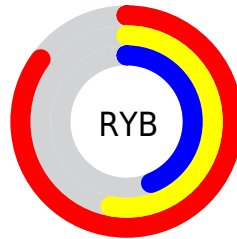
The Hex color **D8836F** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **6FC4D8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB9A3**, and **9E503F** is the 20% darker color. If you saturate the color by 10%, you get **D87259**, and if you desaturate by 10%, it is **D89485**.

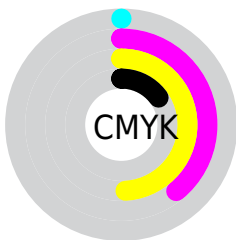
# Distribution



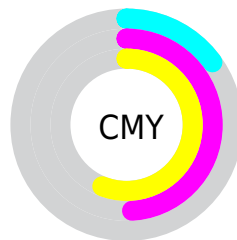
- Red (85%)
- Green (51%)
- Blue (44%)



- Red (85%)
- Yellow (53%)
- Blue (44%)



- Cyan (0%)
- Magenta (39%)
- Yellow (49%)
- Black (15%)



- Cyan (15%)
- Magenta (49%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8836F 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 D8836F by changing the saturation by 10% instead.



 D8836F

 D8836F

FFFFFF

 BB6956

 FFB9A3

 9E503F

 FFD5BE

 813829

 FFF1DA

 662014

 FFFFF6

 4B0600

 310000

 050000

 000000

 D8836F

 D8836F

 D87259

 D89485

 D86044

 D8A69A

 D84F2E

 D8B7B0

 D83D19

 D8C9C5

 D82C03

 D8DADB

 D82900

 D8ECF1

 D8FDFF

 D8FFFF

# Harmonies

## Analogous

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



DC7D90



D8836F



C48F58

# Triad

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



D8836F



52AA7F



7699DE

# Complementary

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



D8836F



6FC4D8

# 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.



29A4DA



D8836F



00ACA3

# Square

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



D8836F



7FA461



00AAC4



AB8CD0

# Rectangle

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



D8836F



B09752



00AAC4



609DDF

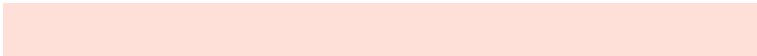


# Sweetspot

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



D8836F



FFE0D9



D86FC5



806D69



000000



808080



# Same Dimension

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



D8836F



FF876B



D8B76F



6B6260



AB2100



2B0800



# Inverse Universe

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



6FC4D8



6BE3FF



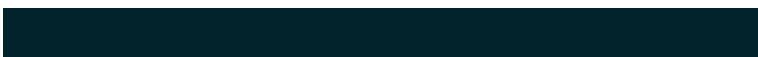
6F90D8



60696B



008AAB



00232B



# Previews

## White Background



This preview shows how the Hex color D8836F looks on a white background.

## Color Contrast Check

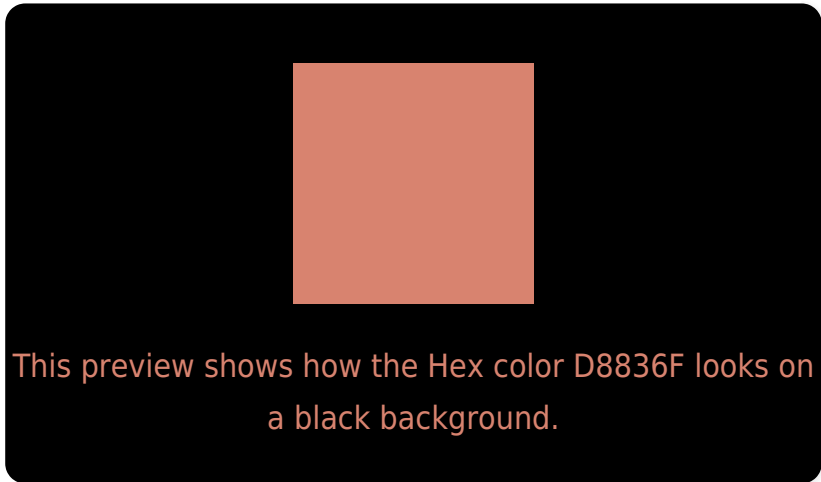
Large Text (above 18pt) WCAG AA × Fail

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 D8836F Background



This preview shows how black text looks on a background with the Hex color D8836F.

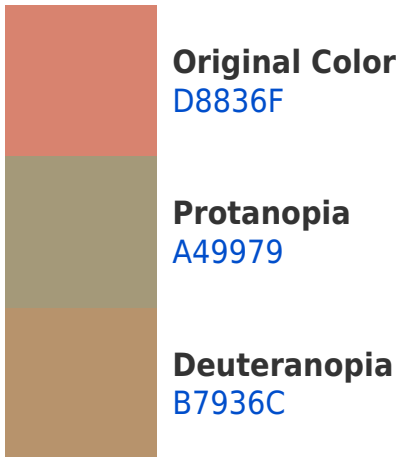


This preview shows how white text looks on a background with the Hex color D8836F.

# 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**  
DA7F89

# Trichromacy



**Original Color**  
D8836F

**Protanomaly**  
B79175

**Deuteranomaly**  
C38D6D

**Tritanomaly**  
D98080

# Monochromacy



**Original Color**  
D8836F

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
B1928A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8836F 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 #D8836F looks like.

```
.text, #text, p{  
    color:#D8836F  
}
```

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 #D8836F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8836F
}
```

## Border

The CSS property to change the border of an element to Hex D8836F is called "border". The border property can be set on classes, ids or directly on the HTML element.

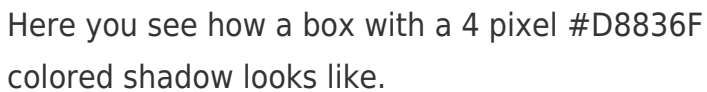
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D8836F }
```

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

```
.border{ border-color:#D8836F }
```

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, offset to the right and bottom of the box.

Here you see how a box with a 4 pixel #D8836F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8836F; -webkit-box-shadow:4px 4px  
4px 4px #D8836F; box-shadow:4px 4px 4px  
4px #D8836F }
```

# Background

The CSS property to change the background color of an element to Hex D8836F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8836F }
```

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

```
.background{ background-color:#D8836F }
```

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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