

# Converting Colors

Hex(D3806F)

Have a look what the booklet for  
Hex(D3806F) contains.

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# **Color**

**Hex(D3806F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3806F
RGB	211, 128, 111
RGB Percent	83%, 50%, 44%
CMY	0.1725, 0.4980, 0.5647
CMYK	0.00, 0.39, 0.47, 0.17
HSL	10°, 53%, 63%
HSV	10°, 47%, 83%
XYZ	37.4524, 30.4349, 18.9395
YIQ	150.8790, 54.9250, 12.3090

# Conversions

## Conversions Part 2

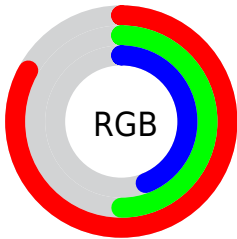
Format	Color
R <sub>Y</sub> B	211, 131, 111
Decimal	13860975
CIE Lab	62.03, 30.24, 22.89
CIE LCh	62, 37.923, 37.122
Yxy	30.4349, 0.4313, 0.3505
Android (android.graphics.Color)	4292051055 (0xFFD3806F)
YUV	150.8790, -19.6603, 52.7261
Hunter-Lab	55.1679, 24.6364, 18.2628

# Details

The Hex color **D3806F** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **6FC2D3**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB6A3**, and **994D3F** is the 20% darker color. If you saturate the color by 10%, you get **D36E5A**, and if you desaturate by 10%, it is **D39284**.

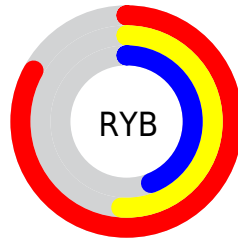
# Distribution



Red (83%)

Green (50%)

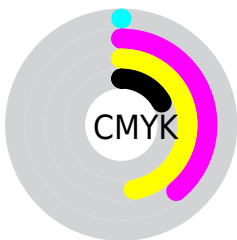
Blue (44%)



Red (83%)

Yellow (51%)

Blue (44%)

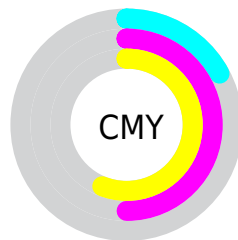


Cyan (0%)

Magenta (39%)

Yellow (47%)

Black (17%)



Cyan (17%)

Magenta (50%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3806F 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 D3806F by changing the saturation by 10% instead.



 D3806F

 D3806F

FFFFFF

 B66657

 FFB6A3

 994D3F

 FFD2BE

 7D3529

 FFEEDA

 621D14

 FFFFF6

 470400

 2E0000

 000000

 D3806F

 D3806F

 D36E5A

 D39284

 D35D45

 D3A399

 D34B30

 D3B5AE

 D33A1B

 D3C6C3

 D32806

 D3D8D9

 D32400

 D3E9EE

 D3FBFF

 D3FFFF

# Harmonies

## Analogous

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



D67B8F



D3806F



C18B58

# Triad

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



D3806F



55A67B



7097D8

# Complementary

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



D3806F



6FC2D3

# 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.



28A0D3



D3806F



11A89D

# Square

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



D3806F



7FA05F



00A6BD



A48ACC

# Rectangle

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



D3806F



AE9352



00A6BD



5C9AD9



# Sweetspot

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



D3806F



FFE1DB



D36FC2



806E6A



000000



808080



# Same Dimension

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



D3806F



FF866E



D3B26F



69605E



A81D00



290700



# Inverse Universe

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



6FC2D3



6EE6FF



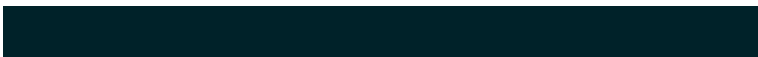
6F90D3



5E6769



008CA8



002229



# Previews

## White Background



This preview shows how the Hex color D3806F looks on a white background.

## Color Contrast Check

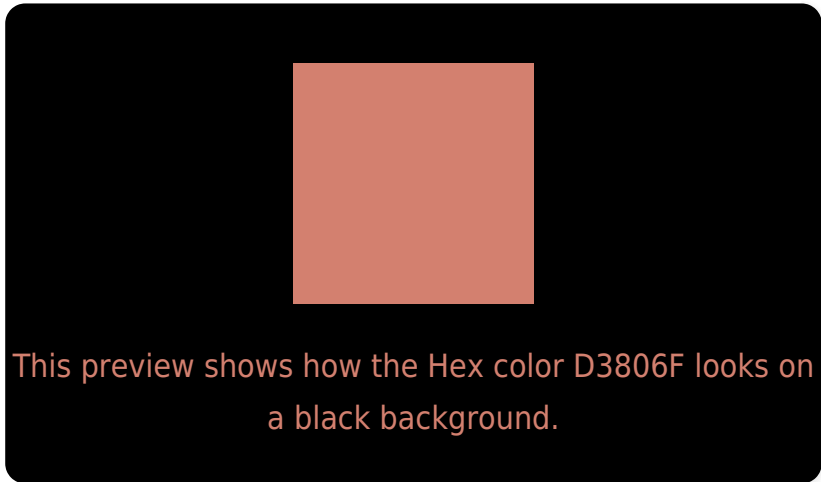
Large Text (above 18pt) WCAG AA × Fail

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 D3806F Background



This preview shows how black text looks on a background with the Hex color D3806F.



This preview shows how white text looks on a background with the Hex color D3806F.

# 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**  
D57D86

# Trichromacy



**Original Color**  
D3806F

**Protanomaly**  
B28E75

**Deuteranomaly**  
BE8A6D

**Tritanomaly**  
D47E7E

# Monochromacy



**Original Color**  
D3806F

**Achromatopsia**  
979797

**Achromatomaly**  
AD8F88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3806F 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 #D3806F looks like.

```
.text, #text, p{  
    color:#D3806F  
}
```

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 #D3806F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3806F
}
```

## Border

The CSS property to change the border of an element to Hex D3806F 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
#D3806F }
```

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

```
.border{ border-color:#D3806F }
```

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

Here you see how a box with a 4 pixel #D3806F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3806F; -webkit-box-shadow:4px 4px  
4px 4px #D3806F; box-shadow:4px 4px 4px  
4px #D3806F }
```

# Background

The CSS property to change the background color of an element to Hex D3806F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3806F }
```

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

```
.background{ background-color:#D3806F }
```

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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