

# Converting Colors

Hex(886D76)

Have a look what the booklet for  
Hex(886D76) contains.

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# Color

**Hex(886D76)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 886D76                    |
| RGB           | 136, 109, 118             |
| RGB Percent   | 53%, 43%, 46%             |
| CMY           | 0.4667, 0.5725, 0.5373    |
| CMYK          | 0.00, 0.20, 0.13, 0.47    |
| HSL           | 340°, 11%, 48%            |
| HSV           | 340°, 20%, 53%            |
| XYZ           | 18.8920, 17.4795, 19.5177 |
| YIQ           | 118.0990, 13.2030, 8.5230 |

# Conversions

## Conversions Part 2

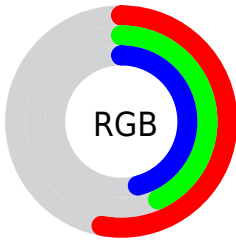
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 136, 109, 118                 |
| Decimal                             | 8940918                       |
| CIE <sub>Lab</sub>                  | 48.86, 12.24, -0.94           |
| CIE <sub>LCh</sub>                  | 49, 12.272, 355.594           |
| Yxy                                 | 17.4795, 0.3380,<br>0.3128    |
| Android<br>(android.graphics.Color) | 4287130998<br>(0xFF886D76)    |
| YUV                                 | 118.0990, -0.0488,<br>15.6992 |
| Hunter-Lab                          | 41.8085, 7.4938,<br>1.5873    |

# Details

The Hex color **886D76** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6D887F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BEA1AA**, and **563D46** is the 20% darker color. If you saturate the color by 10%, you get **885F6D**, and if you desaturate by 10%, it is **887B7F**.

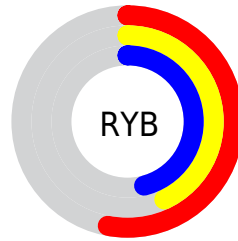
# Distribution



Red (53%)

Green (43%)

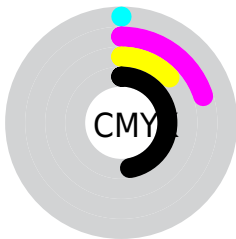
Blue (46%)



Red (53%)

Yellow (43%)

Blue (46%)

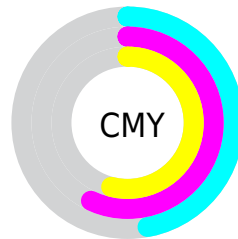


Cyan (0%)

Magenta (20%)

Yellow (13%)

Black (47%)



Cyan (47%)

Magenta (57%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 886D76 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 886D76 by changing the saturation by 10% instead.





886D76



886D76

FFFFFF



6E555D



BEA1AA



563D46



D9BCC5



3E2730



F6D7E1



28131B



FFF4FE



110000



000000



886D76



886D76



885F6D



887B7F




885264



888888

 88445B

 889691

 883752

 88A39A

 882949

 88B1A3

 881B40

 88BFAC

 880E37

 88CCB5

 88002D

 88DABF

 88E7C8

# Harmonies

## Analogous

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



806F80



886D76



8A6D6C

# Triad

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



886D76



737661



5C7885

# Complementary

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



886D76



6D887F

# 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.



597A7D



886D76



677968

# Square

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



886D76



7E7360



5D7A72



677589

# Rectangle

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



886D76



886F66



5D7A72



5A7982



# Sweetspot

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



886D76



B0A5A9



7F6D88



595355



D9D9D9



595959



# Same Dimension

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



886D76



B08694



88726D



453E40



85002C



050002



# Inverse Universe

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



886D76



B08694



6D8488



453E40



85002C



050002



# Previews

## White Background



This preview shows how the Hex color 886D76 looks on a white background.

## Color Contrast Check

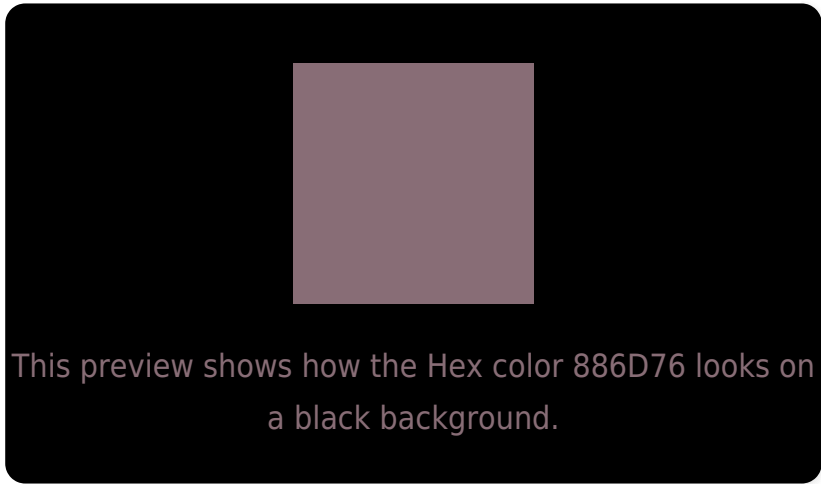
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

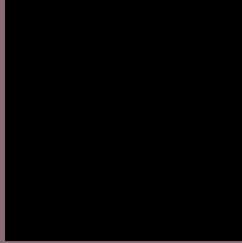
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 886D76 Background



This preview shows how black text looks on a background with the Hex color 886D76.



This preview shows how white text looks on a background with the Hex color 886D76.

# 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**  
886D76

**Protanopia**  
75747A

**Deuteranopia**  
7F7175



**Tritanopia**  
886D76

# Trichromacy



**Original Color**  
886D76

**Protanomaly**  
7C7179

**Deuteranomaly**  
827075

**Tritanomaly**  
886D76

# Monochromacy



**Original Color**  
886D76

**Achromatopsia**  
767676

**Achromatomaly**  
7D7376

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 886D76 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 #886D76 looks like.

```
.text, #text, p{  
    color:#886D76  
}
```

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 #886D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #886D76
}
```

## Border

The CSS property to change the border of an element to Hex 886D76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

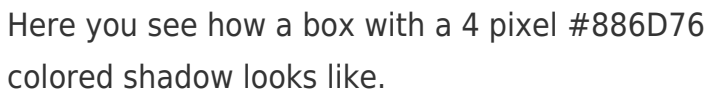
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#886D76 }
```

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

```
.border{ border-color:#886D76 }
```

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



Here you see how a box with a 4 pixel #886D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #886D76; -webkit-box-shadow:4px 4px  
4px 4px #886D76; box-shadow:4px 4px 4px  
4px #886D76 }
```

# Background

The CSS property to change the background color of an element to Hex 886D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#886D76 }
```

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

```
.background{ background-color:#886D76 }
```

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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