

Converting Colors

Hex(00876D)

Have a look what the booklet for
Hex(00876D) contains.

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Color

Hex(00876D)

Conversions

Conversions Part 1

Format	Color
Hex	00876D
RGB	0, 135, 109
RGB Percent	0%, 53%, 43%
CMY	1.0000, 0.4706, 0.5725
CMYK	1.00, 0.00, 0.19, 0.47
HSL	168°, 100%, 26%
HSV	168°, 100%, 53%
XYZ	11.4243, 18.4321, 17.4236
YIQ	91.6710, -72.1140, -36.7060

Conversions

Conversions Part 2

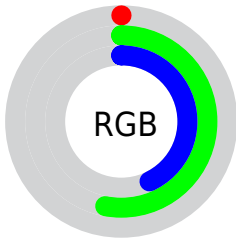
Format	Color
RYB	0, 75, 135
Decimal	34669
CIELab	50.02, -37.80, 5.24
CIELCh	50, 38.158, 172.108
Yxy	18.4321, 0.2416, 0.3898
Android (android.graphics.Color)	4278224749 (0xFF00876D)
YUV	91.6710, 8.5432, -80.3955
Hunter-Lab	42.9326, -27.6335, 5.9908

Details

The Hex color **00876D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **87001A**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **52BDA0**, and **00543E** is the 20% darker color. If you saturate the color by 10%, you get **00876D**, and if you desaturate by 10%, it is **0D8770**.

Distribution



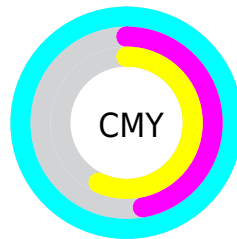
- Red (0%)
- Green (53%)
- Blue (43%)



- Red (0%)
- Yellow (29%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (57%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00876D 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 00876D by changing the saturation by 10% instead.

 00876D

 00876D

FFFFFF

 006D55

 52BDA0

 00543E

 6FD9BB

 003C28

 8CF6D7

 002713

 A9FFF4

 000000

 C6FFFF

 E3FFFF

 00876D

 0D8770

 1B8772

 298775

 368777

 44877A

 51877D

 5E877F

 6C8782

 7A8784

Harmonies

Analogous

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



4C834E



00876D



00878E

Triad

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



00876D



6C72B3



A96645

Complementary

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



00876D



87001A

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.



B45D60



00876D



97659F

Square

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



00876D



237DB7



AF5D81



927235

Rectangle

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



00876D



0086A2



AF5D81



AE634D

Sweetspot

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



00876D



7BB0A6



1B8700



395953



D9D9D9



595959

Same Dimension

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



00876D



00B08E



005E87



3C4241



008269



000302

Inverse Universe

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



87001A



B00022



872900



423C3D



820019



030000

Previews

White Background



This preview shows how the Hex color 00876D looks on a white background.

Color Contrast Check

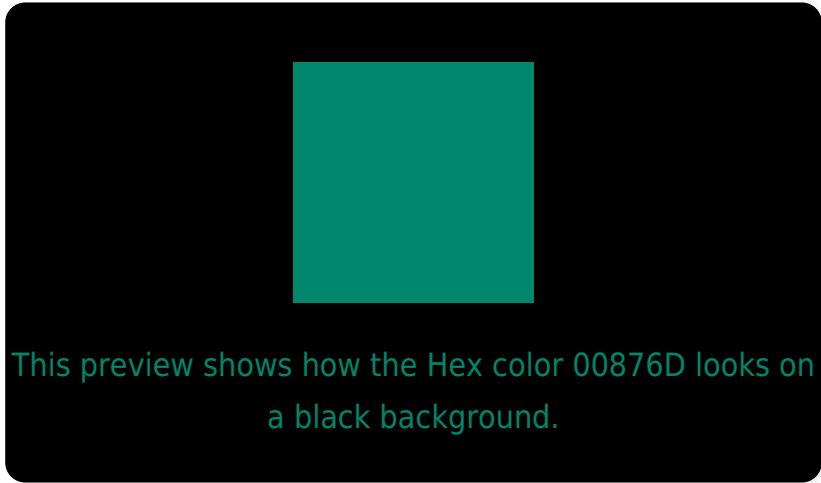
Large Text (above 18pt) WCAG AA ✓ Pass

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 00876D Background



This preview shows how black text looks on a background with the Hex color 00876D.

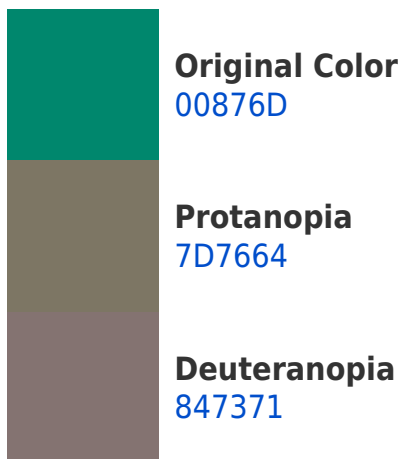


This preview shows how white text looks on a background with the Hex color 00876D.

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
28838D

Trichromacy



Original Color
00876D



Protanomaly
507C67



Deuteranomaly
547A70



Tritanomaly
198481

Monochromacy



Original Color
00876D



Achromatopsia
5C5C5C



Achromatomaly
3B6C62

CSS Examples

Text

The CSS property to change the color of the text to Hex 00876D 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 #00876D looks like.

```
.text, #text, p{  
    color:#00876D  
}
```

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 #00876D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00876D
}
```

Border

The CSS property to change the border of an element to Hex 00876D 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
#00876D }
```

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

```
.border{ border-color:#00876D }
```

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

Here you see how a box with a 4 pixel #00876D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00876D; -webkit-box-shadow:4px 4px  
4px 4px #00876D; box-shadow:4px 4px 4px  
4px #00876D }
```

Background

The CSS property to change the background color of an element to Hex 00876D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00876D }
```

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

```
.background{ background-color:#00876D }
```

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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