

Converting Colors

Hex(00796D)

Have a look what the booklet for
Hex(00796D) contains.

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Color

Hex(00796D)

Conversions

Conversions Part 1

Format	Color
Hex	00796D
RGB	0, 121, 109
RGB Percent	0%, 47%, 43%
CMY	1.0000, 0.5255, 0.5725
CMYK	1.00, 0.00, 0.10, 0.53
HSL	174°, 100%, 24%
HSV	174°, 100%, 47%
XYZ	9.5977, 14.7789, 16.8148
YIQ	83.4530, -68.2640, -29.3840

Conversions

Conversions Part 2

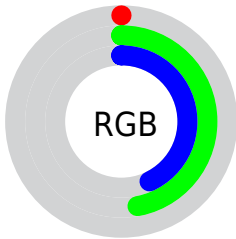
Format	Color
RYB	0, 64, 121
Decimal	31085
CIELab	45.33, -31.52, -1.56
CIELCh	45, 31.557, 182.835
Yxy	14.7789, 0.2330, 0.3588
Android (android.graphics.Color)	4278221165 (0xFF00796D)
YUV	83.4530, 12.5947, -73.1883
Hunter-Lab	38.4433, -22.7118, 0.9774

Details

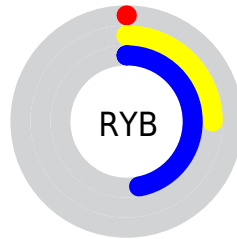
The Hex color **00796D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **79000C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **4EAEA0**, and **00473E** is the 20% darker color. If you saturate the color by 10%, you get **00796D**, and if you desaturate by 10%, it is **0C796E**.

Distribution



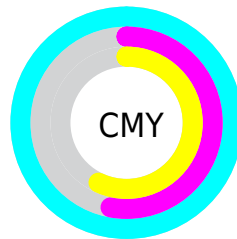
- Red (0%)
- Green (47%)
- Blue (43%)



- Red (0%)
- Yellow (25%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00796D 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 00796D by changing the saturation by 10% instead.

00796D

00796D

FFFFFF

006055

4EAEA0

00473E

6BCABB

003028

87E6D7

001C13

A4FFF3

000000

C1FFFF

DEFFFF

FBFFFF

00796D

 0C796E

 18796F


 247971

 307972

 3C7973

 497974

 557975

 617977

 6D7978

Harmonies

Analogous

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



3D7752



00796D



007887

Triad

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



00796D



716398



8F613D

Complementary

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



00796D



79000C

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.



9C5950



00796D



8E5A84

Square

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



00796D



466DA0



9C566A



796B36

Rectangle

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



00796D



007695



9C566A



945E42

Sweetspot

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



00796D



6F9E99



0C7900



334F4C



CFCFCF



4F4F4F

Same Dimension

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



00796D



009E8E



004979



373D3D



007D71



00FCE3

Inverse Universe

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



79000C



9E0010



793000



3D3738



7D000C



FC0019

Previews

White Background



This preview shows how the Hex color 00796D looks on a white background.

Color Contrast Check

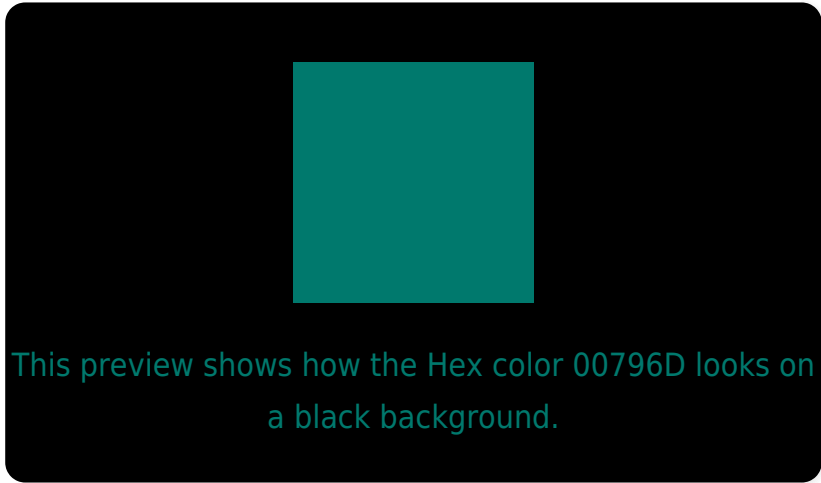
Large Text (above 18pt) WCAG AA ✓ Pass

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

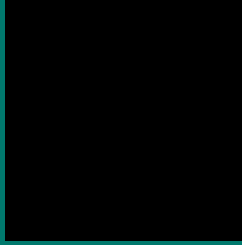
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 00796D Background



This preview shows how black text looks on a background with the Hex color 00796D.

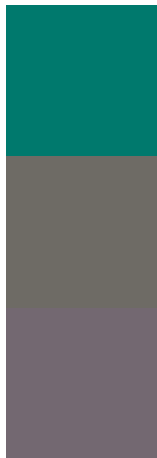


This preview shows how white text looks on a background with the Hex color 00796D.

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
00796D

Protanopia
6E6B65

Deuteranopia
736871



Tritanopia
1F7680

Trichromacy



Original Color
00796D



Protanomaly
467068



Deuteranomaly
496E70



Tritanomaly
147779

Monochromacy



Original Color
00796D



Achromatopsia
535353



Achromatomaly
35615C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00796D 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 #00796D looks like.

```
.text, #text, p{  
    color:#00796D  
}
```

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 #00796D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00796D
}
```

Border

The CSS property to change the border of an element to Hex 00796D 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
#00796D }
```

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

```
.border{ border-color:#00796D }
```

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

Here you see how a box with a 4 pixel #00796D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00796D; -webkit-box-shadow:4px 4px  
4px 4px #00796D; box-shadow:4px 4px 4px  
4px #00796D }
```

Background

The CSS property to change the background color of an element to Hex 00796D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00796D }
```

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

```
.background{ background-color:#00796D }
```

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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