

Converting Colors

Hex(07766D)

Have a look what the booklet for
Hex(07766D) contains.

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Color

Hex(07766D)

Conversions

Conversions Part 1

Format	Color
Hex	07766D
RGB	7, 118, 109
RGB Percent	3%, 46%, 43%
CMY	0.9725, 0.5373, 0.5725
CMYK	0.94, 0.00, 0.08, 0.54
HSL	175°, 89%, 25%
HSV	175°, 94%, 46%
XYZ	9.3264, 14.1062, 16.6992
YIQ	83.7850, -63.2670, -26.3310

Conversions

Conversions Part 2

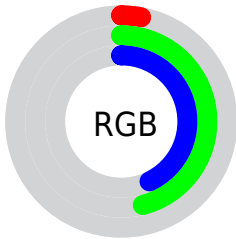
Format	Color
RYB	7, 65, 118
Decimal	489069
CIELab	44.38, -29.66, -2.94
CIELCh	44, 29.806, 185.668
Yxy	14.1062, 0.2324, 0.3515
Android (android.graphics.Color)	4278679149 (0xFF07766D)
YUV	83.7850, 12.4310, -67.3404
Hunter-Lab	37.5582, -21.4020, -0.0709

Details

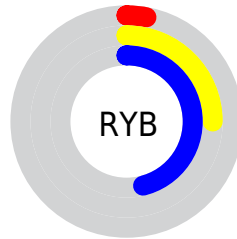
The Hex color **07766D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **760710**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **50ABA0**, and **00453E** is the 20% darker color. If you saturate the color by 10%, you get **00766C**, and if you desaturate by 10%, it is **13766E**.

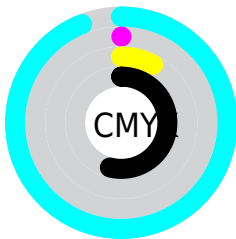
Distribution



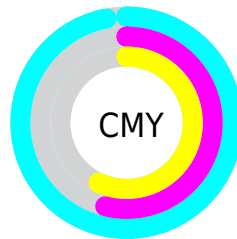
- Red (3%)
- Green (46%)
- Blue (43%)



- Red (3%)
- Yellow (25%)
- Blue (46%)



- Cyan (94%)
- Magenta (0%)
- Yellow (8%)
- Black (54%)



- Cyan (97%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07766D 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 07766D by changing the saturation by 10% instead.

07766D

07766D

FFFFFF

005D55

50ABA0

00453E

6CC6BB

002E28

88E2D7

001814

A4FFF3

000000

C1FFFF

DEFFFF

FCFFFF

07766D

07766D

■ 00766C

■ 13766E

■ 1F766F

■ 2A7670

■ 367671

■ 427672

■ 4E7673

■ 5A7674

■ 657675

■ 717676

Harmonies

Analogous

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



3A7454



07766D



007585

Triad

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



07766D



726191



89603C

Complementary

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



07766D



760710

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.



96584D



07766D



8C587E

Square

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



07766D



4B6A9A



985565



746937

Rectangle

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



07766D



007391



985565



8F5E41

Sweetspot

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



07766D



6E9996



107607



324D4A



CCCCCC



4D4D4D

Same Dimension

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



07766D



00998D



074876



353B3A



007A70



00FAE6

Inverse Universe

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



760710



99000C



763507



3B3535



7A000A



FA0014

Previews

White Background



This preview shows how the Hex color 07766D 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

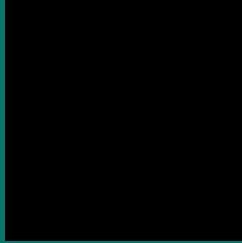
Any Text WCAG AA × Fail

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 07766D Background



This preview shows how black text looks on a background with the Hex color 07766D.

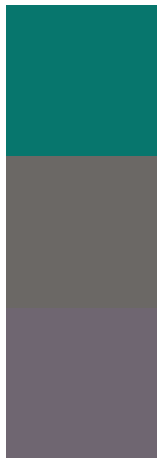


This preview shows how white text looks on a background with the Hex color 07766D.

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
07766D

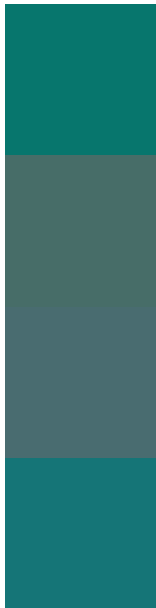
Protanopia
6B6865

Deuteranopia
6F6671



Tritanopia
1D747D

Trichromacy



Original Color
07766D

Protanomaly
476D68

Deuteranomaly
496C70

Tritanomaly
157577

Monochromacy



Original Color
07766D

Achromatopsia
545454

Achromatomaly
38605D

CSS Examples

Text

The CSS property to change the color of the text to Hex 07766D 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 #07766D looks like.

```
.text, #text, p{  
    color:#07766D  
}
```

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 #07766D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07766D
}
```

Border

The CSS property to change the border of an element to Hex 07766D 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
#07766D }
```

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

```
.border{ border-color:#07766D }
```

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

Here you see how a box with a 4 pixel #07766D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07766D; -webkit-box-shadow:4px 4px  
4px 4px #07766D; box-shadow:4px 4px 4px  
4px #07766D }
```

Background

The CSS property to change the background color of an element to Hex 07766D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07766D }
```

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

```
.background{ background-color:#07766D }
```

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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