

Converting Colors

Hex(0C7560)

Have a look what the booklet for
Hex(0C7560) contains.

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Color

Hex(0C7560)

Conversions

Conversions Part 1

Format	Color
Hex	0C7560
RGB	12, 117, 96
RGB Percent	5%, 46%, 38%
CMY	0.9529, 0.5412, 0.6235
CMYK	0.90, 0.00, 0.18, 0.54
HSL	168°, 81%, 25%
HSV	168°, 90%, 46%
XYZ	8.6242, 13.6453, 13.2456
YIQ	83.2110, -55.8390, -28.7910

Conversions

Conversions Part 2

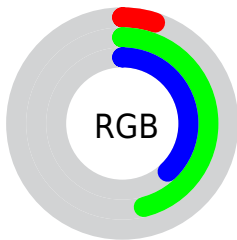
Format	Color
RYB	12, 70, 117
Decimal	816480
CIELab	43.72, -32.73, 3.87
CIElCh	44, 32.961, 173.263
Yxy	13.6453, 0.2428, 0.3842
Android (android.graphics.Color)	4279006560 (0xFF0C7560)
YUV	83.2110, 6.3050, -62.4520
Hunter-Lab	36.9395, -22.9699, 4.5977

Details

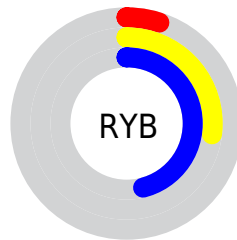
The Hex color **0C7560** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **750C21**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **50AA92**, and **004432** is the 20% darker color. If you saturate the color by 10%, you get **00755E**, and if you desaturate by 10%, it is **187562**.

Distribution



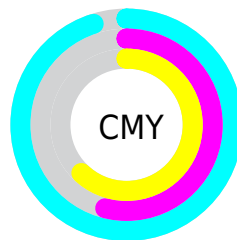
- Red (5%)
- Green (46%)
- Blue (38%)



- Red (5%)
- Yellow (27%)
- Blue (46%)



- Cyan (90%)
- Magenta (0%)
- Yellow (18%)
- Black (54%)



- Cyan (95%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C7560 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 0C7560 by changing the saturation by 10% instead.

 0C7560

 0C7560

FFFFFF

 005C48

 50AA92

 004432

 6CC5AD

 002D1D

 87E2C8

 001603

 A4FEE4

 000000

 C0FFFF

 DDFFFF

 FBFFFF

 0C7560

 0C7560

■ 00755E

■ 187562

■ 237565

■ 2F7567

■ 3B7569

■ 46756C

■ 52756E

■ 5E7570

■ 6A7573

■ 757575

Harmonies

Analogous

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



427246



0C7560



00757C

Triad

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



0C7560



60639A



915A3C

Complementary

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



0C7560



750C21

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.



9B5253



0C7560



835888

Square

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



0C7560



296C9D



97516F



7D6430

Rectangle

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



0C7560



00748C



97516F



965743

Sweetspot

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



0C7560



709991



21750C



344D48



CCCCCC



4D4D4D

Same Dimension

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



0C7560



00997A



0C5575



353B39



007A62



00FAC8

Inverse Universe

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



750C21



99001F



752C0C



3B3536



7A0018



FA0032

Previews

White Background



This preview shows how the Hex color 0C7560 looks on a white background.

Color Contrast Check

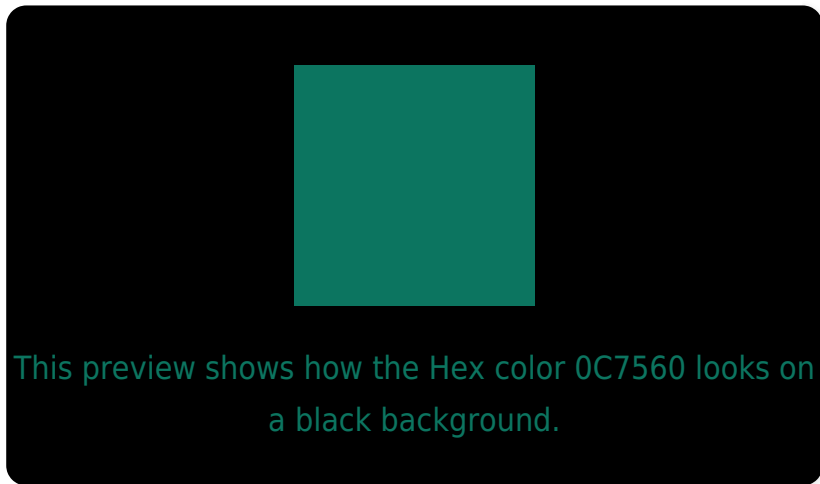
Large Text (above 18pt) WCAG AA ✓ Pass

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

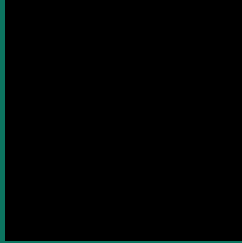
Any Text WCAG AA × Fail

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 0C7560 Background



This preview shows how black text looks on a background with the Hex color 0C7560.

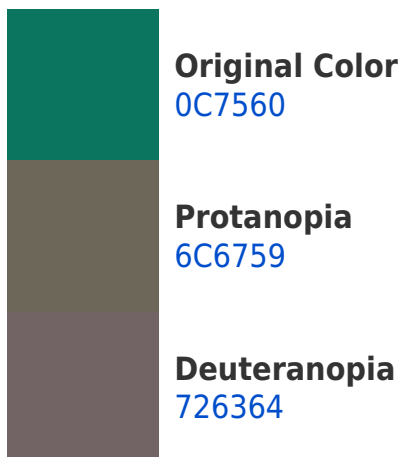


This preview shows how white text looks on a background with the Hex color 0C7560.

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
24717B

Trichromacy



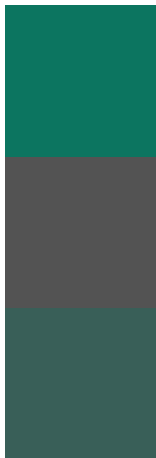
Original Color
0C7560

Protanomaly
496C5C

Deuteranomaly
4D6A63

Tritanomaly
1B7271

Monochromacy



Original Color
0C7560

Achromatopsia
535353

Achromatomaly
395F58

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C7560 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 #0C7560 looks like.

```
.text, #text, p{  
    color:#0C7560  
}
```

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 #0C7560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7560
}
```

Border

The CSS property to change the border of an element to Hex 0C7560 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
#0C7560 }
```

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

```
.border{ border-color:#0C7560 }
```

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

Here you see how a box with a 4 pixel #0C7560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7560; -webkit-box-shadow:4px 4px  
4px 4px #0C7560; box-shadow:4px 4px 4px  
4px #0C7560 }
```

Background

The CSS property to change the background color of an element to Hex 0C7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7560 }
```

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

```
.background{ background-color:#0C7560 }
```

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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