

Converting Colors

Hex(0A7D6F)

Have a look what the booklet for
Hex(0A7D6F) contains.

Hex(0A7D6F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0A7D6F)

Conversions

Conversions Part 1

Format	Color
Hex	0A7D6F
RGB	10, 125, 111
RGB Percent	4%, 49%, 44%
CMY	0.9608, 0.5098, 0.5647
CMYK	0.92, 0.00, 0.11, 0.51
HSL	173°, 85%, 26%
HSV	173°, 92%, 49%
XYZ	10.3280, 15.8795, 17.5596
YIQ	89.0190, -64.0460, -28.7340

Conversions

Conversions Part 2

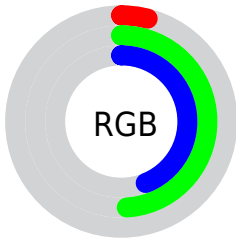
Format	Color
RYB	10, 71, 125
Decimal	687471
CIELab	46.82, -32.16, -0.56
CIELCh	47, 32.167, 180.998
Yxy	15.8795, 0.2360, 0.3628
Android (android.graphics.Color)	4278877551 (0xFF0A7D6F)
YUV	89.0190, 10.8366, -69.2997
Hunter-Lab	39.8490, -23.4724, 1.7680

Details

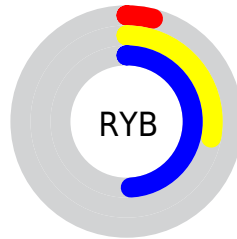
The Hex color **0A7D6F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D0A18**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **52B2A3**, and **004B3F** is the 20% darker color. If you saturate the color by 10%, you get **007D6E**, and if you desaturate by 10%, it is **177D71**.

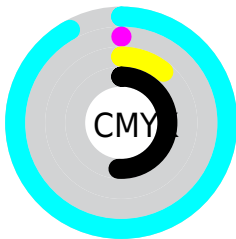
Distribution



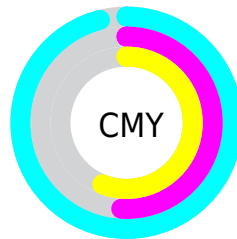
- Red (4%)
- Green (49%)
- Blue (44%)



- Red (4%)
- Yellow (28%)
- Blue (49%)



- Cyan (92%)
- Magenta (0%)
- Yellow (11%)
- Black (51%)



- Cyan (96%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A7D6F 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 0A7D6F by changing the saturation by 10% instead.

 0A7D6F

 0A7D6F

FFFFFF

 006457

 52B2A3

 004B3F

 6FCEBE

 00342A

 8BEAD9

 002015

 A8FFF6

 000000

 C4FFFF

 E2FFFF

 0A7D6F

 0A7D6F

 007D6E

 177D71

■ 237D72

■ 307D74

■ 3C7D75

■ 497D77

■ 557D78

■ 627D7A

■ 6E7D7B

■ 7A7D7D

Harmonies

Analogous

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



427B54



0A7D6F



007C8A

Triad

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



0A7D6F



73689D



956440

Complementary

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



0A7D6F



7D0A18

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.



A15C55



0A7D6F



915E8A

Square

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



0A7D6F



4571A5



A1596F



7F6E38

Rectangle

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



0A7D6F



007A98



A1596F



9A6146

Sweetspot

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



0A7D6F



76A39E



197D0A



36524E



D1D1D1



525252

Same Dimension

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



0A7D6F



00A38F



0A537D



39403F



008070



000000

Inverse Universe

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



7D0A18



A30014



7D340A



40393A



800010



000000

Previews

White Background



This preview shows how the Hex color 0A7D6F looks on a white background.

Color Contrast Check

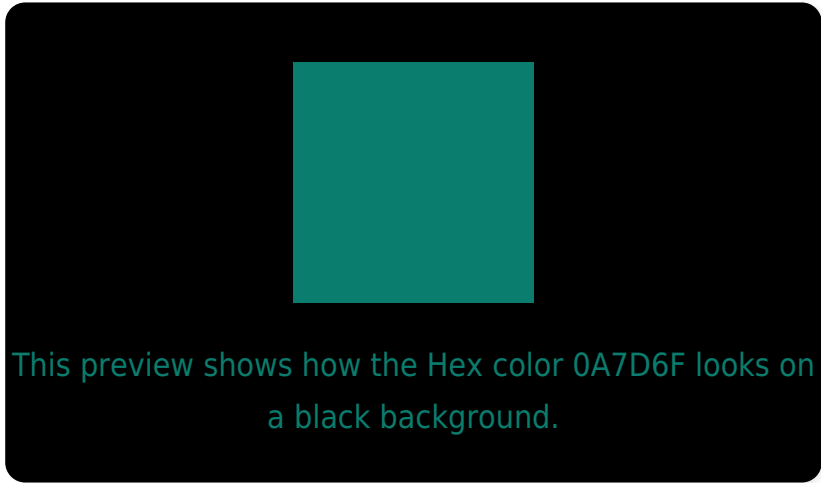
Large Text (above 18pt) WCAG AA ✓ Pass

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

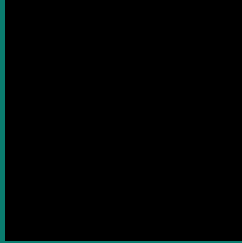
Any Text WCAG AA × Fail

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 0A7D6F Background



This preview shows how black text looks on a background with the Hex color 0A7D6F.



This preview shows how white text looks on a background with the Hex color 0A7D6F.

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
0A7D6F

Protanopia
726E67

Deuteranopia
776B73



Tritanopia
227A84

Trichromacy



Original Color
0A7D6F



Protanomaly
4C736A



Deuteranomaly
4F7272



Tritanomaly
197B7C

Monochromacy



Original Color
0A7D6F



Achromatopsia
595959



Achromatomaly
3C6661

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A7D6F 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 #0A7D6F looks like.

```
.text, #text, p{  
    color:#0A7D6F  
}
```

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 #0A7D6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A7D6F
}
```

Border

The CSS property to change the border of an element to Hex 0A7D6F 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
#0A7D6F }
```

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

```
.border{ border-color:#0A7D6F }
```

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

Here you see how a box with a 4 pixel #0A7D6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A7D6F; -webkit-box-shadow:4px 4px  
4px 4px #0A7D6F; box-shadow:4px 4px 4px  
4px #0A7D6F }
```

Background

The CSS property to change the background color of an element to Hex 0A7D6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A7D6F }
```

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

```
.background{ background-color:#0A7D6F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor