

Converting Colors

Hex(0B7A6B)

Have a look what the booklet for
Hex(0B7A6B) contains.

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Color

Hex(0B7A6B)

Conversions

Conversions Part 1

Format	Color
Hex	0B7A6B
RGB	11, 122, 107
RGB Percent	4%, 48%, 42%
CMY	0.9569, 0.5216, 0.5804
CMYK	0.91, 0.00, 0.12, 0.52
HSL	172°, 83%, 26%
HSV	172°, 91%, 48%
XYZ	9.7514, 15.0518, 16.3012
YIQ	87.1010, -61.3410, -28.1970

Conversions

Conversions Part 2

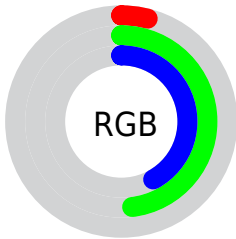
Format	Color
RYB	11, 71, 122
Decimal	752235
CIELab	45.70, -31.90, 0.19
CIElCh	46, 31.900, 179.659
Yxy	15.0518, 0.2372, 0.3662
Android (android.graphics.Color)	4278942315 (0xFF0B7A6B)
YUV	87.1010, 9.8102, -66.7406
Hunter-Lab	38.7966, -23.0287, 2.2456

Details

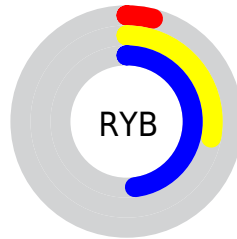
The Hex color **0B7A6B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A0B1A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **52AF9E**, and **00483C** is the 20% darker color. If you saturate the color by 10%, you get **007A6A**, and if you desaturate by 10%, it is **177A6D**.

Distribution



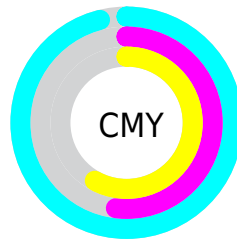
- Red (4%)
- Green (48%)
- Blue (42%)



- Red (4%)
- Yellow (28%)
- Blue (48%)



- Cyan (91%)
- Magenta (0%)
- Yellow (12%)
- Black (52%)



- Cyan (96%)
- Magenta (52%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B7A6B 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 0B7A6B by changing the saturation by 10% instead.

 0B7A6B

 0B7A6B

FFFFFF

 006153

 52AF9E

 00483C

 6ECBB9

 003126

 8AE7D5

 001D12

 A6FFF1

 000000

 C3FFF

 E0FFF

FEFFF

 0B7A6B

 0B7A6B

■ 007A6A

■ 177A6D

■ 237A6E

■ 307A70

■ 3C7A72

■ 487A73

■ 547A75

■ 607A77

■ 6D7A78

■ 797A7A

Harmonies

Analogous

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



417850



0B7A6B



007A86

Triad

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



0B7A6B



6E659B



92613F

Complementary

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



0B7A6B



7A0B1A

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.



9E5953



0B7A6B



8D5C88

Square

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



0B7A6B



406FA1



9D576E



7D6B36

Rectangle

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



0B7A6B



007894



9D576E



975E45

Sweetspot

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



0B7A6B



739E98



1C7A0B



364F4C



CFCFCF



4F4F4F

Same Dimension

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



0B7A6B



009E89



0B537A



373D3C



007D6C



00FCDA

Inverse Universe

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



7A0B1A



9E0015



7A320B



3D3738



7D0011



FC0022

Previews

White Background



This preview shows how the Hex color 0B7A6B looks on a white background.

Color Contrast Check

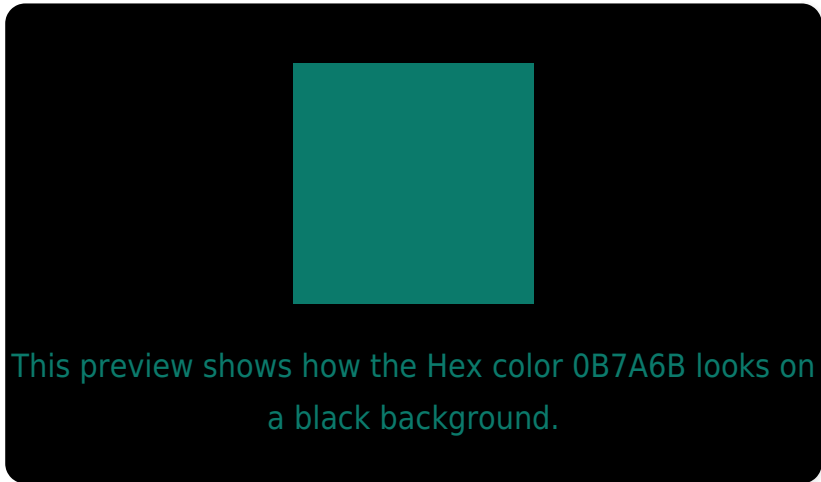
Large Text (above 18pt) WCAG AA ✓ Pass

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

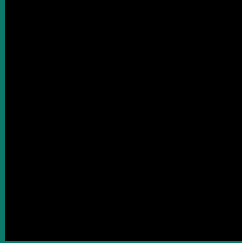
Any Text WCAG AA × Fail

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 0B7A6B Background



This preview shows how black text looks on a background with the Hex color 0B7A6B.

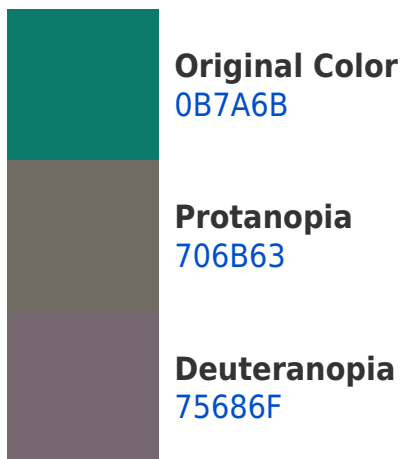


This preview shows how white text looks on a background with the Hex color 0B7A6B.

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
227781

Trichromacy



Original Color
0B7A6B



Protanomaly
4B7066



Deuteranomaly
4E6F6E



Tritanomaly
1A7879

Monochromacy



Original Color
0B7A6B



Achromatopsia
575757



Achromatomaly
3B645E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B7A6B 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 #0B7A6B looks like.

```
.text, #text, p{  
    color:#0B7A6B  
}
```

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 #0B7A6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B7A6B
}
```

Border

The CSS property to change the border of an element to Hex 0B7A6B 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
#0B7A6B }
```

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

```
.border{ border-color:#0B7A6B }
```

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

Here you see how a box with a 4 pixel #0B7A6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B7A6B; -webkit-box-shadow:4px 4px  
4px 4px #0B7A6B; box-shadow:4px 4px 4px  
4px #0B7A6B }
```

Background

The CSS property to change the background color of an element to Hex 0B7A6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B7A6B }
```

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

```
.background{ background-color:#0B7A6B }
```

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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