

Converting Colors

Hex(0B7859)

Have a look what the booklet for
Hex(0B7859) contains.

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Color

Hex(0B7859)

Conversions

Conversions Part 1

Format	Color
Hex	0B7859
RGB	11, 120, 89
RGB Percent	4%, 47%, 35%
CMY	0.9569, 0.5294, 0.6510
CMYK	0.91, 0.00, 0.26, 0.53
HSL	163°, 83%, 26%
HSV	163°, 91%, 47%
XYZ	8.6577, 14.2254, 11.7407
YIQ	83.8750, -55.0130, -32.7490

Conversions

Conversions Part 2

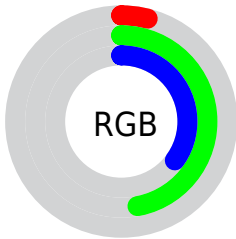
Format	Color
RYB	11, 75, 120
Decimal	751705
CIELab	44.55, -36.04, 9.21
CIELCh	45, 37.199, 165.664
Yxy	14.2254, 0.2501, 0.4109
Android (android.graphics.Color)	4278941785 (0xFF0B7859)
YUV	83.8750, 2.5266, -63.9114
Hunter-Lab	37.7165, -25.0301, 7.9454

Details

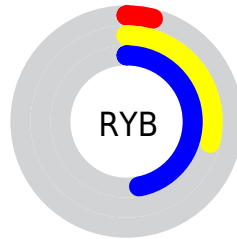
The Hex color **0B7859** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **780B2A**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **50AD8B**, and **00462B** is the 20% darker color. If you saturate the color by 10%, you get **007856**, and if you desaturate by 10%, it is **17785C**.

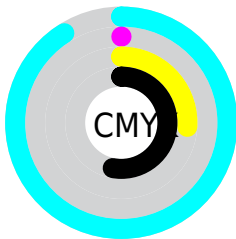
Distribution



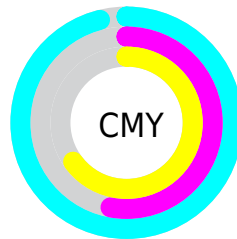
- Red (4%)
- Green (47%)
- Blue (35%)



- Red (4%)
- Yellow (29%)
- Blue (47%)



- Cyan (91%)
- Magenta (0%)
- Yellow (26%)
- Black (53%)



- Cyan (96%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B7859 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 0B7859 by changing the saturation by 10% instead.

 0B7859

 0B7859


FFFFFF

 005F42

 50AD8B

 00462B

 6CC9A5

 002F17

 88E5C0

 001900

 A4FFDC

 000000

 C0FFF9

 DDFFFF

 FBFFFF

 0B7859

 0B7859

007856

17785C

237860

2F7863

3B7867

47786A

53786D

5F7871

6B7874

777878

Harmonies

Analogous

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



49743C



0B7859



007979

Triad

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



0B7859



5267A5



9C573E

Complementary

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



0B7859



780B2A

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.



A34F5A



0B7859



805B95

Square

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



0B7859



0071A5



9B517A



88622C

Rectangle

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



0B7859



00788D



9B517A



A05447

Sweetspot

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



0B7859



729C90



2C780B



364F48



CFCFCF



4F4F4F

Same Dimension

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



0B7859



009C6F



0B6278



373D3B



007D59



00FCB5

Inverse Universe

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



780B2A



9C002C



78210B



3D3739



7D0024



FC0048

Previews

White Background



This preview shows how the Hex color 0B7859 looks on a white background.

Color Contrast Check

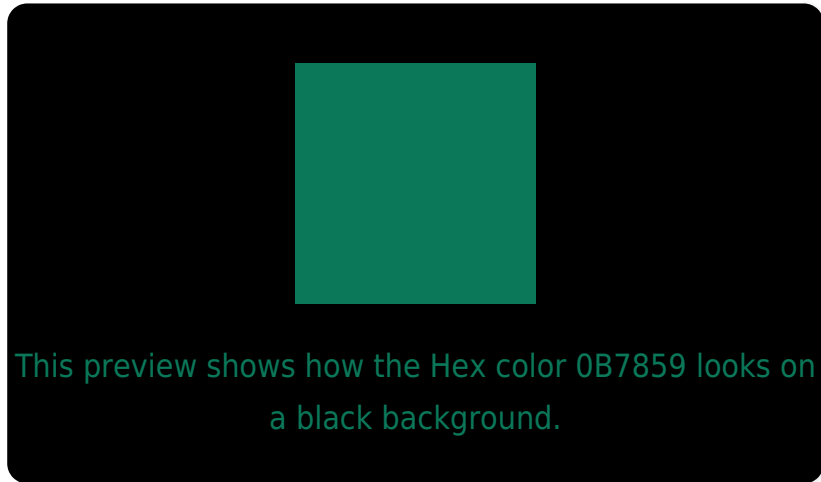
Large Text (above 18pt) WCAG AA ✓ Pass

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

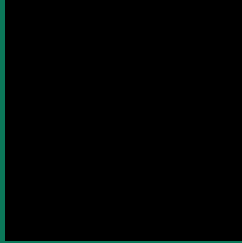
Any Text WCAG AA × Fail

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 0B7859 Background



This preview shows how black text looks on a background with the Hex color 0B7859.

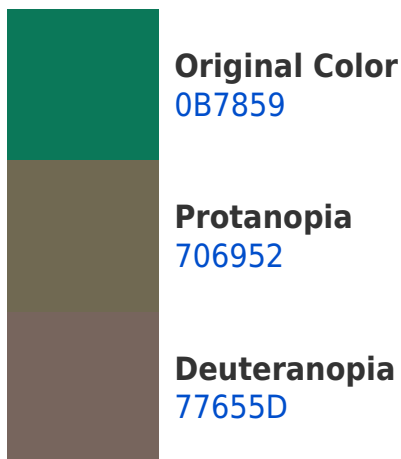



This preview shows how white text looks on a background with the Hex color 0B7859.

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
28737D

Trichromacy



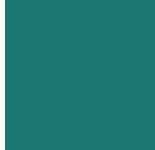
Original Color
0B7859



Protanomaly
4B6E55



Deuteranomaly
506C5C



Tritanomaly
1D7570

Monochromacy



Original Color
0B7859



Achromatopsia
545454



Achromatomaly
396156

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B7859 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 #0B7859 looks like.

```
.text, #text, p{  
    color:#0B7859  
}
```

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 #0B7859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B7859
}
```

Border

The CSS property to change the border of an element to Hex 0B7859 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
#0B7859 }
```

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

```
.border{ border-color:#0B7859 }
```

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

Here you see how a box with a 4 pixel #0B7859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B7859; -webkit-box-shadow:4px 4px  
4px 4px #0B7859; box-shadow:4px 4px 4px  
4px #0B7859 }
```

Background

The CSS property to change the background color of an element to Hex 0B7859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B7859 }
```

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

```
.background{ background-color:#0B7859 }
```

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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