

Converting Colors

Hex(0B7E87)

Have a look what the booklet for
Hex(0B7E87) contains.

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Color

Hex(0B7E87)

Conversions

Conversions Part 1

Format	Color
Hex	0B7E87
RGB	11, 126, 135
RGB Percent	4%, 49%, 53%
CMY	0.9569, 0.5059, 0.4706
CMYK	0.92, 0.07, 0.00, 0.47
HSL	184°, 85%, 29%
HSV	184°, 92%, 53%
XYZ	11.9720, 16.7421, 25.5222
YIQ	92.6410, -71.4290, -21.5810

Conversions

Conversions Part 2

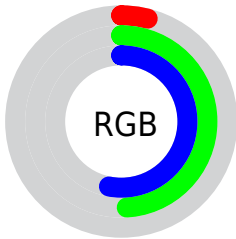
Format	Color
RYB	11, 71, 135
Decimal	753287
CIELab	47.93, -24.94, -13.08
CIELCh	48, 28.162, 207.687
Yxy	16.7421, 0.2207, 0.3087
Android (android.graphics.Color)	4278943367 (0xFF0B7E87)
YUV	92.6410, 20.8830, -71.5992
Hunter-Lab	40.9171, -19.3773, -8.3404

Details

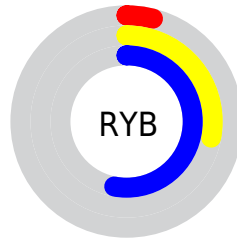
The Hex color **0B7E87** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **87140B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **56B3BC**, and **004C55** is the 20% darker color. If you saturate the color by 10%, you get **007D87**, and if you desaturate by 10%, it is **197F87**.

Distribution



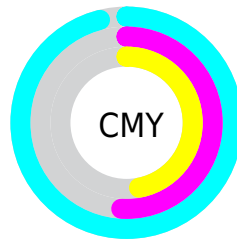
- Red (4%)
- Green (49%)
- Blue (53%)



- Red (4%)
- Yellow (28%)
- Blue (53%)



- Cyan (92%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (96%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B7E87 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 0B7E87 by changing the saturation by 10% instead.

 0B7E87

 0B7E87

FFFFFF

 00656E

 56B3BC

 004C55

 73CFD8

 00353E

 90EBF4

 002128

 ADFFFF

 000114

 CAFFFF

 000000

 E7FFFF

 0B7E87

 0B7E87

 007D87

 197F87

■ 268087

■ 348187

■ 418287

■ 4F8387

■ 5C8487

■ 6A8587

■ 778687

■ 858787

Harmonies

Analogous

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



2E7E6F



0B7E87



217B99

Triad

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



0B7E87



8E648B



837042

Complementary

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



0B7E87



87140B

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.



96674A



0B7E87



9D5F75

Square

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



0B7E87



726C9C



A0615D



6B7747

Rectangle

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



0B7E87



3E77A0



A0615D



8A6D43

Sweetspot

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



0B7E87



7FACB0



0B8713



3B5759



D9D9D9



595959

Same Dimension

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



0B7E87



00A3B0



0B4187



3C4242



007982



000203

Inverse Universe

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



870B7E



B000A3



87510B



423C42



820079



030002

Previews

White Background



This preview shows how the Hex color 0B7E87 looks on a white background.

Color Contrast Check

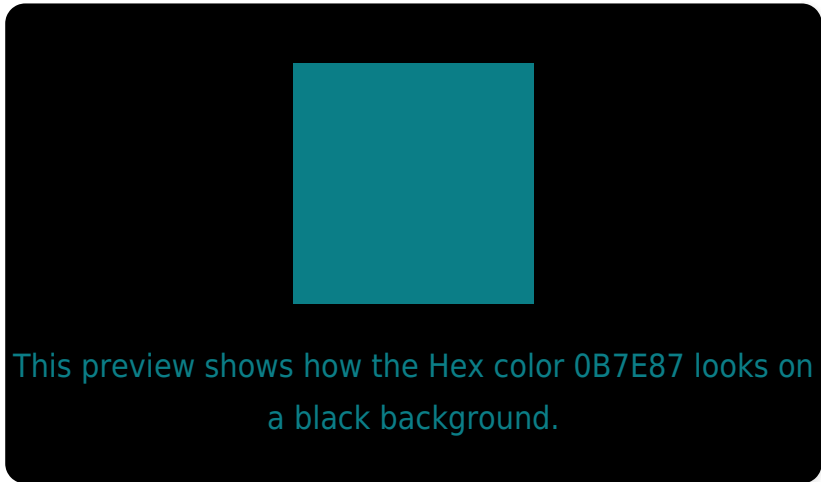
Large Text (above 18pt) WCAG AA ✓ Pass

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

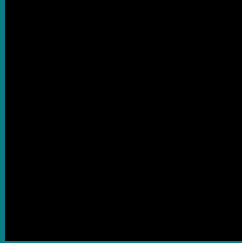
Any Text WCAG AA × Fail

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 0B7E87 Background



This preview shows how black text looks on a background with the Hex color 0B7E87.

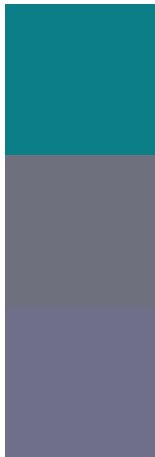


This preview shows how white text looks on a background with the Hex color 0B7E87.

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
0B7E87

Protanopia
6F707E

Deuteranopia
706F8A

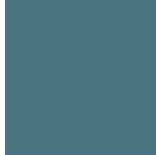


Tritanopia
0E7E88

Trichromacy



Original Color
0B7E87



Protanomaly
4B7581



Deuteranomaly
4B7489



Tritanomaly
0D7E88

Monochromacy



Original Color
0B7E87



Achromatopsia
5D5D5D



Achromatomaly
3F696C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B7E87 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 #0B7E87 looks like.

```
.text, #text, p{  
    color:#0B7E87  
}
```

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 #0B7E87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B7E87
}
```

Border

The CSS property to change the border of an element to Hex 0B7E87 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
#0B7E87 }
```

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

```
.border{ border-color:#0B7E87 }
```

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

Here you see how a box with a 4 pixel #0B7E87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B7E87; -webkit-box-shadow:4px 4px  
4px 4px #0B7E87; box-shadow:4px 4px 4px  
4px #0B7E87 }
```

Background

The CSS property to change the background color of an element to Hex 0B7E87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B7E87 }
```

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

```
.background{ background-color:#0B7E87 }
```

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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