

Converting Colors

Hex(1B7682)

Have a look what the booklet for
Hex(1B7682) contains.

Hex(1B7682)	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(1B7682)

Conversions

Conversions Part 1

Format	Color
Hex	1B7682
RGB	27, 118, 130
RGB Percent	11%, 46%, 51%
CMY	0.8941, 0.5373, 0.4902
CMYK	0.79, 0.09, 0.00, 0.49
HSL	187°, 66%, 31%
HSV	187°, 79%, 51%
XYZ	10.9597, 14.8016, 23.3984
YIQ	92.1590, -58.0880, -15.5600

Conversions

Conversions Part 2

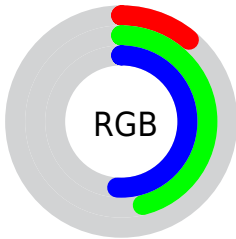
Format	Color
RYB	27, 75, 130
Decimal	1799810
CIELab	45.36, -21.12, -14.00
CIElCh	45, 25.342, 213.534
Yxy	14.8016, 0.2229, 0.3011
Android (android.graphics.Color)	4279989890 (0xFF1B7682)
YUV	92.1590, 18.6556, -57.1444
Hunter-Lab	38.4728, -16.4784, -9.1281




Details

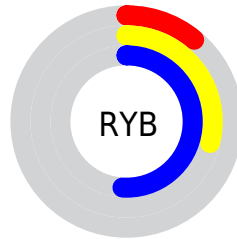
The Hex color **1B7682** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **82271B**, and the grayscale version is **5C5C5C**.




A 20% lighter version of the original color is **5AAAB7**, and **004551** is the 20% darker color. If you saturate the color by 10%, you get **0E7482**, and if you desaturate by 10%, it is **287882**.

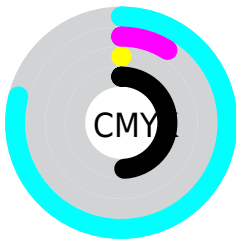
Distribution







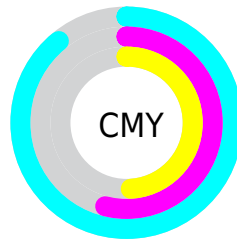
-  Red (11%)
-  Green (46%)
-  Blue (51%)






-  Red (11%)
-  Yellow (29%)
-  Blue (51%)



-  Cyan (79%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (89%)
-  Magenta (54%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B7682 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 1B7682 by changing the saturation by 10% instead.

 1B7682

 1B7682

FFFFFF

 005D69

 5AAAB7

 004551

 76C6D3

 002F3A

 92E2EF

 001C24

 AFFFFFF

 00010E

 CCFFFF

 000000

 E9FFFF

 1B7682

 1B7682

 0E7482

 287882

017382

357982

007382

427B82

4F7C82

5C7E82

697F82

768182

838282

908482

Harmonies

Analogous

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



2D776D



1B7682



2F7391

Triad

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



1B7682



885E7F



776B41

Complementary

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



1B7682



82271B

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.



896446



1B7682



945B6A

Square

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



1B7682



71658F



945D55



617147

Rectangle

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



1B7682



466F95



945D55



7E6841

Sweetspot

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



1B7682



80A4A8



1B8225



3C5154



D4D4D4



545454

Same Dimension

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



1B7682



0896A8



1B4482



393F40



007180



000000

Inverse Universe

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



821B76



A80896



82591B



40393F



800071



000000

Previews

White Background



This preview shows how the Hex color 1B7682 looks on a white background.

Color Contrast Check

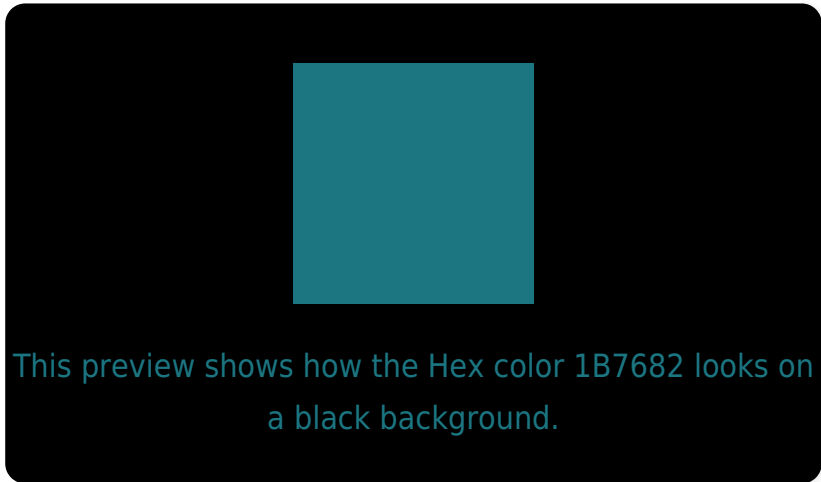
Large Text (above 18pt) WCAG AA ✓ Pass

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

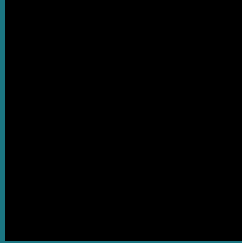
Any Text WCAG AA × Fail

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 1B7682 Background



This preview shows how black text looks on a background with the Hex color 1B7682.

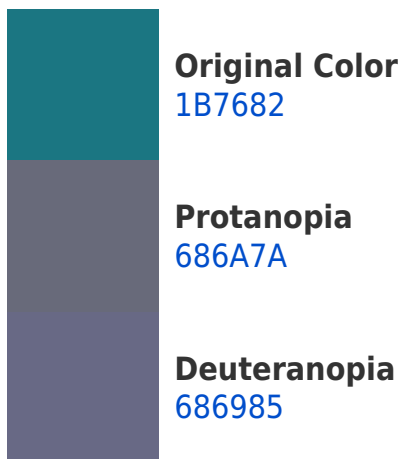


This preview shows how white text looks on a background with the Hex color 1B7682.

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](#).

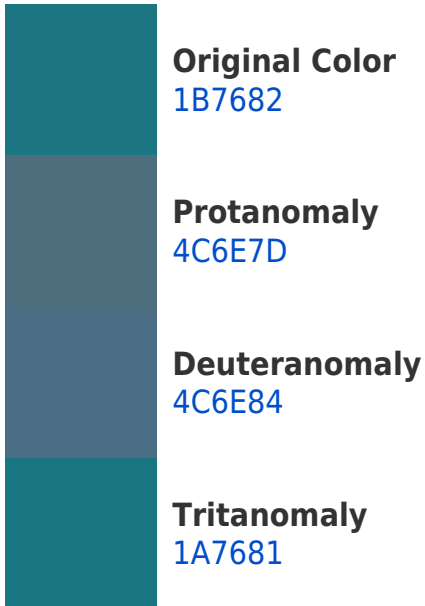
Dichromacy





Tritanopia
197680

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B7682 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 #1B7682 looks like.

```
.text, #text, p{  
  color:#1B7682  
}
```

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 #1B7682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B7682
}
```

Border

The CSS property to change the border of an element to Hex 1B7682 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
#1B7682 }
```

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

```
.border{ border-color:#1B7682 }
```

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

Here you see how a box with a 4 pixel #1B7682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B7682; -webkit-box-shadow:4px 4px  
4px 4px #1B7682; box-shadow:4px 4px 4px  
4px #1B7682 }
```

Background

The CSS property to change the background color of an element to Hex 1B7682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B7682 }
```

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

```
.background{ background-color:#1B7682 }
```

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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