

# Converting Colors

Hex(1B7973)

Have a look what the booklet for  
Hex(1B7973) contains.

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# Color

**Hex(1B7973)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B7973
RGB	27, 121, 115
RGB Percent	11%, 47%, 45%
CMY	0.8941, 0.5255, 0.5490
CMYK	0.78, 0.00, 0.05, 0.53
HSL	176°, 64%, 29%
HSV	176°, 78%, 47%
XYZ	10.3839, 15.1456, 18.5958
YIQ	92.2100, -54.0980, -21.7940

# Conversions

## Conversions Part 2

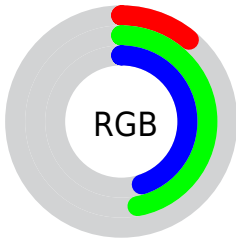
<b>Format</b>	<b>Color</b>
<b>RYB</b>	27, 76, 121
Decimal	1800563
CIELab	45.83, -27.50, -4.36
CIELCh	46, 27.839, 189.001
Yxy	15.1456, 0.2353, 0.3432
Android (android.graphics.Color)	4279990643 (0xFF1B7973)
YUV	92.2100, 11.2355, -57.1892
Hunter-Lab	38.9173, -20.4781, -1.0883

# Details

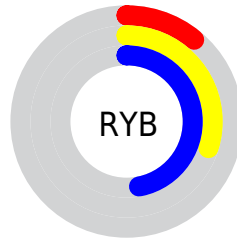
The Hex color **1B7973** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **791B21**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **59AEA7**, and **004843** is the 20% darker color. If you saturate the color by 10%, you get **0F7972**, and if you desaturate by 10%, it is **277974**.

# Distribution



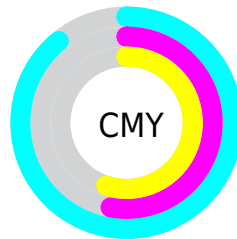
- Red (11%)
- Green (47%)
- Blue (45%)



- Red (11%)
- Yellow (30%)
- Blue (47%)



- Cyan (78%)
- Magenta (0%)
- Yellow (5%)
- Black (53%)



- Cyan (89%)
- Magenta (53%)
- Yellow (55%)
- Black (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1B7973 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 1B7973 by changing the saturation by 10% instead.



 1B7973

 1B7973

FFFFFF

 00605A

 59AEA7

 004843

 75C9C2

 00312D

 90E6DE

 001D18

 ADFFFA

 000000

 C9FFF

 E7FFF

 1B7973

 1B7973

 0F7972

 277974

■ 037971

■ 337975

■ 007971

■ 3F7975

■ 4B7976

■ 577977

■ 647978

■ 707978

■ 7C7979

■ 88797A

# Harmonies

## Analogous

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



3E785B



1B7973



007889

# Triad

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



1B7973



786491



8A6541

# Complementary

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



1B7973



791B21

# 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.



975E50



1B7973



8F5D7E

# Square

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



1B7973



566C9A



9A5A66



756D3E

# Rectangle

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



1B7973



1C7594



9A5A66



8F6345



# Sweetspot

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



1B7973



7A9E9C



21791B



394F4E



CFCFCF



4F4F4F



# Same Dimension

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



1B7973



0B9E95



1B5079



373D3D



007D75



00FCEC



# Inverse Universe

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



791B21



9E0B14



79441B



3D3737



7D0008

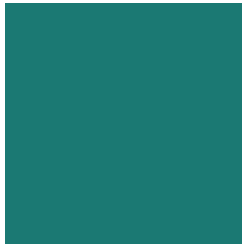


FC0010



# Previews

## White Background



This preview shows how the Hex color 1B7973 looks on a white background.

## Color Contrast Check

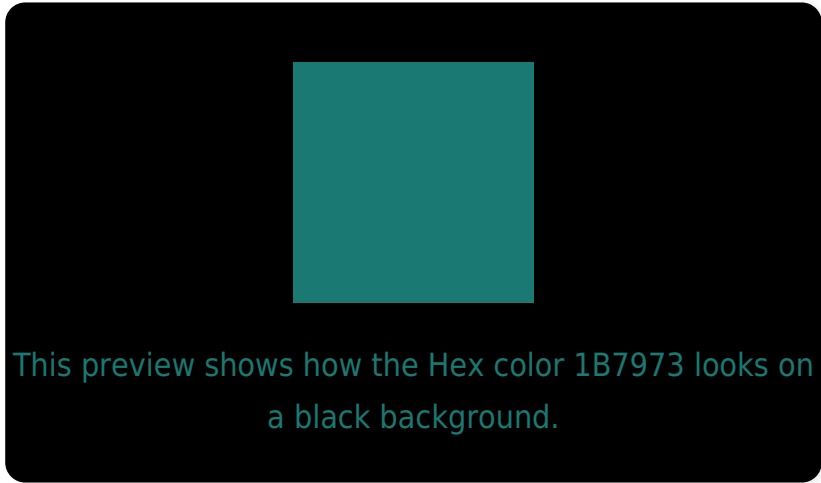
Large Text (above 18pt) WCAG AA ✓ Pass

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

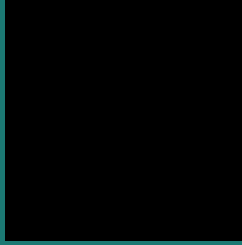
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1B7973 Background



This preview shows how black text looks on a background with the Hex color 1B7973.

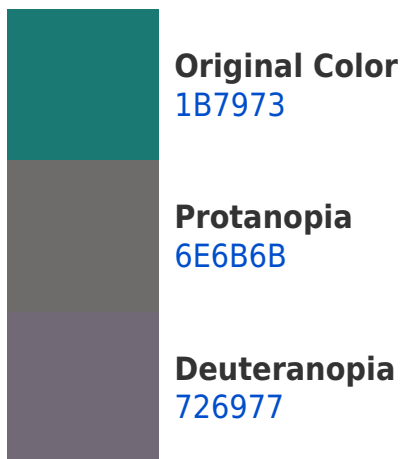


This preview shows how white text looks on a background with the Hex color 1B7973.

# 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**  
257781

# Trichromacy



**Original Color**  
1B7973

**Protanomaly**  
50706E

**Deuteranomaly**  
526F76

**Tritanomaly**  
21787C

# Monochromacy



**Original Color**  
1B7973

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
446764

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1B7973 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 #1B7973 looks like.

```
.text, #text, p{  
    color:#1B7973  
}
```

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 #1B7973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B7973
}
```

## Border

The CSS property to change the border of an element to Hex 1B7973 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
#1B7973 }
```

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

```
.border{ border-color:#1B7973 }
```

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

Here you see how a box with a 4 pixel #1B7973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B7973; -webkit-box-shadow:4px 4px  
4px 4px #1B7973; box-shadow:4px 4px 4px  
4px #1B7973 }
```

# Background

The CSS property to change the background color of an element to Hex 1B7973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B7973 }
```

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

```
.background{ background-color:#1B7973 }
```

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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