

Converting Colors

Hex(1B8D79)

Have a look what the booklet for
Hex(1B8D79) contains.

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Color

Hex(1B8D79)

Conversions

Conversions Part 1

Format	Color
Hex	1B8D79
RGB	27, 141, 121
RGB Percent	11%, 55%, 47%
CMY	0.8941, 0.4471, 0.5255
CMYK	0.81, 0.00, 0.14, 0.45
HSL	169°, 68%, 33%
HSV	169°, 81%, 55%
XYZ	13.4281, 20.6632, 21.3698
YIQ	104.6340, -61.5240, -30.3880

Conversions

Conversions Part 2

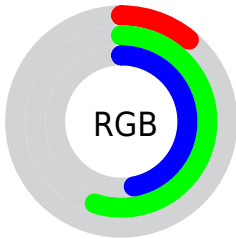
Format	Color
R _Y B	27, 89, 141
Decimal	1805689
CIE Lab	52.58, -35.19, 2.01
CIE LCh	53, 35.244, 176.728
Yxy	20.6632, 0.2421, 0.3726
Android (android.graphics.Color)	4279995769 (0xFF1B8D79)
YUV	104.6340, 8.0684, -68.0850
Hunter-Lab	45.4568, -26.8201, 3.9468

Details

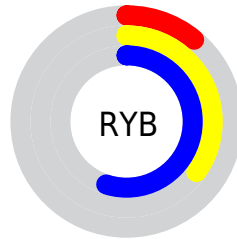
The Hex color **1B8D79** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8D1B2F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5DC3AD**, and **005A49** is the 20% darker color. If you saturate the color by 10%, you get **0D8D77**, and if you desaturate by 10%, it is **298D7B**.

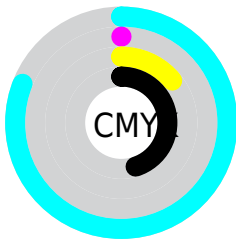
Distribution



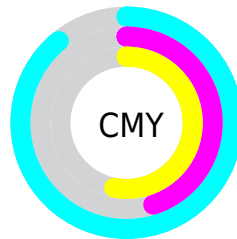
- Red (11%)
- Green (55%)
- Blue (47%)



- Red (11%)
- Yellow (35%)
- Blue (55%)



- Cyan (81%)
- Magenta (0%)
- Yellow (14%)
- Black (45%)



- Cyan (89%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B8D79 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 1B8D79 by changing the saturation by 10% instead.

 1B8D79

 1B8D79

FFFFFF

 007360

 5DC3AD

 005A49

 7AE0C9

 004232

 96FCE5

 002B1D

 B3FFFF

 001104

 D0FFFF

 000000

 EEEFFF

 1B8D79

 1B8D79

 0D8D77

 298D7B

008D74

378D7E

458D80

538D83

628D85

708D88

7E8D8A

8C8D8D

9A8D8F

Harmonies

Analogous

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



508A5B



1B8D79



008D98

Triad

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



1B8D79



7B77B3



AA704C

Complementary

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



1B8D79



8D1B2F

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.



B76764



1B8D79



A06C9F

Square

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



1B8D79



4682BA



B46582



937B40

Rectangle

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



1B8D79



008BA9



B46582



B06C53

Sweetspot

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



1B8D79



8CB8B0



308D1B



415C57



DBDBDB



5C5C5C

Same Dimension

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



1B8D79



06B898



1B698D



404746



00876F



000806

Inverse Universe

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



8D1B2F



B80625



8D3F1B



474042



870018



080001

Previews

White Background



This preview shows how the Hex color 1B8D79 looks on a white background.

Color Contrast Check

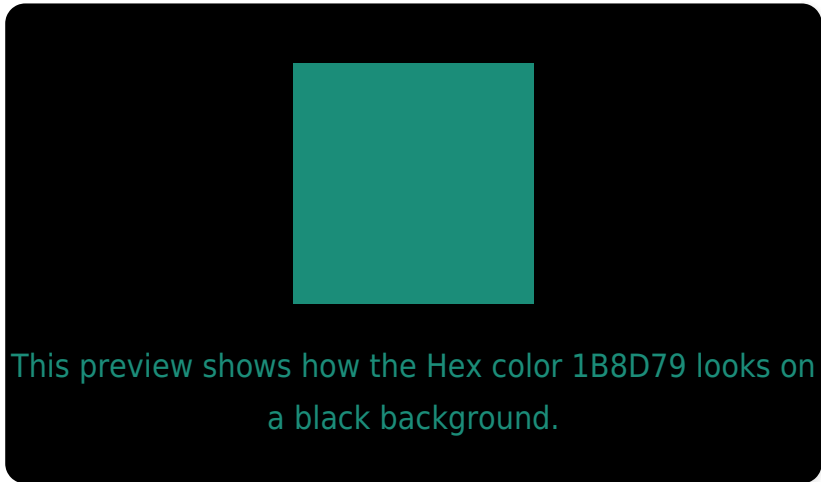
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

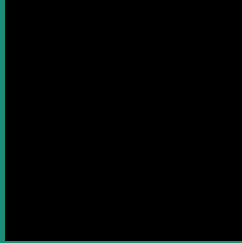
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1B8D79 Background



This preview shows how black text looks on a background with the Hex color 1B8D79.

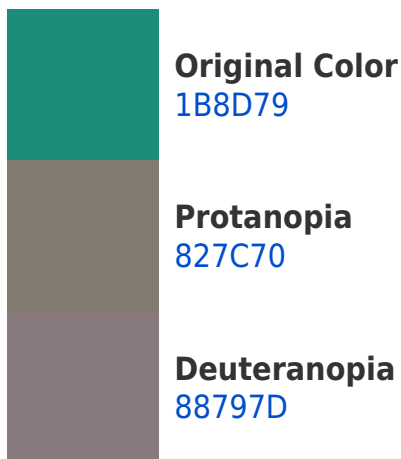


This preview shows how white text looks on a background with the Hex color 1B8D79.

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
2E8994

Trichromacy



Original Color
1B8D79



Protanomaly
5D8273



Deuteranomaly
60807C



Tritanomaly
278A8A

Monochromacy



Original Color
1B8D79



Achromatopsia
696969



Achromatomaly
4D766F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B8D79 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 #1B8D79 looks like.

```
.text, #text, p{  
    color:#1B8D79  
}
```

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 #1B8D79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B8D79
}
```

Border

The CSS property to change the border of an element to Hex 1B8D79 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
#1B8D79 }
```

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

```
.border{ border-color:#1B8D79 }
```

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

Here you see how a box with a 4 pixel #1B8D79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B8D79; -webkit-box-shadow:4px 4px  
4px 4px #1B8D79; box-shadow:4px 4px 4px  
4px #1B8D79 }
```

Background

The CSS property to change the background color of an element to Hex 1B8D79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B8D79 }
```

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

```
.background{ background-color:#1B8D79 }
```

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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