

Converting Colors

Hex(1B8A96)

Have a look what the booklet for
Hex(1B8A96) contains.

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Color

Hex(1B8A96)

Conversions

Conversions Part 1

Format	Color
Hex	1B8A96
RGB	27, 138, 150
RGB Percent	11%, 54%, 59%
CMY	0.8941, 0.4588, 0.4118
CMYK	0.82, 0.08, 0.00, 0.41
HSL	186°, 69%, 35%
HSV	186°, 82%, 59%
XYZ	15.0455, 20.6120, 32.0397
YIQ	106.1790, -70.0080, -19.8000

Conversions

Conversions Part 2

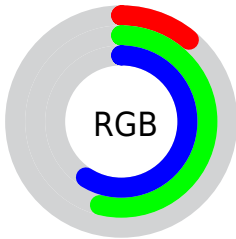
Format	Color
R_{YB}	27, 85, 150
Decimal	1804950
CIE _{Lab}	52.52, -24.88, -14.89
CIE _{LCh}	53, 28.993, 210.891
Yxy	20.6120, 0.2222, 0.3045
Android (android.graphics.Color)	4279995030 (0xFF1B8A96)
YUV	106.1790, 21.6038, -69.4400
Hunter-Lab	45.4004, -20.2966, -10.0615




Details

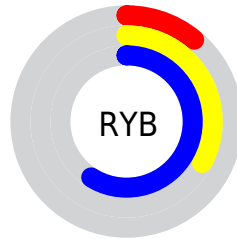
The Hex color **1B8A96** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **96271B**, and the grayscale version is **6A6A6A**.




A 20% lighter version of the original color is **60C0CC**, and **005863** is the 20% darker color. If you saturate the color by 10%, you get **0C8996**, and if you desaturate by 10%, it is **2A8B96**.

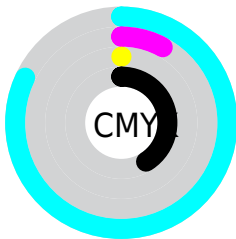
Distribution







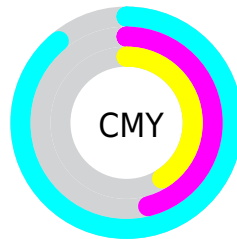
-  Red (11%)
-  Green (54%)
-  Blue (59%)






-  Red (11%)
-  Yellow (33%)
-  Blue (59%)



-  Cyan (82%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (41%)



-  Cyan (89%)
-  Magenta (46%)
-  Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B8A96 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 1B8A96 by changing the saturation by 10% instead.

 1B8A96

 1B8A96

FFFFFF

 00707C

 60C0CC

 005863

 7DDCE8

 00404B

 9AF8FF

 002935

 B7FFFF

 001120

 D4FFFF

 000005

 F2FFFF

 000000

 1B8A96

 1B8A96

 0C8996

 2A8B96

008796

398D96

488E96

579096

669196

759396

849496

939696

A29796

Harmonies

Analogous

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



358B7D



1B8A96



3186A8

Triad

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



1B8A96



9D6E96



8D7C4B

Complementary

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



1B8A96



96271B

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.



A27353



1B8A96



AC6A7E

Square

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



1B8A96



8177A8



AD6C65



738352

Rectangle

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



1B8A96



4D82AE



AD6C65



95794C

Sweetspot

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



1B8A96



91BDC2



1B9625



445E61



E0E0E0



616161

Same Dimension

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



1B8A96



04AFC2



1B4E96



43494A



007C8A



00090A

Inverse Universe

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



961B8A



C204AF



96631B



4A4349



8A007C



0A0009

Previews

White Background



This preview shows how the Hex color 1B8A96 looks on a white background.

Color Contrast Check

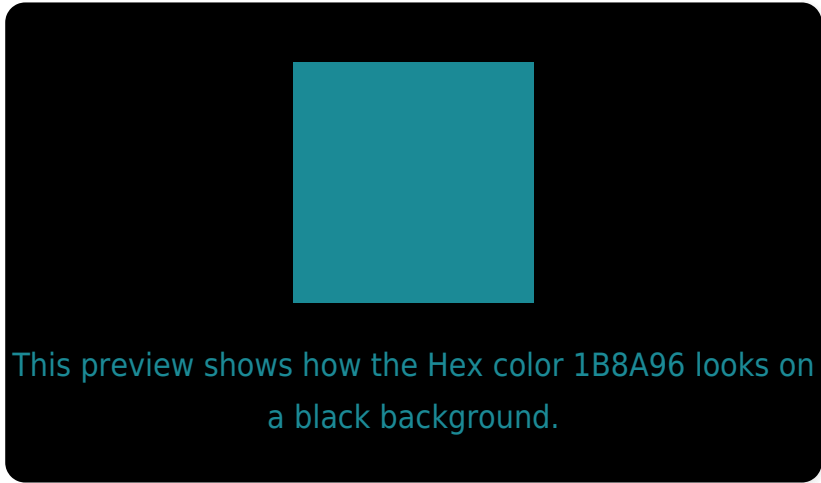
Large Text (above 18pt) WCAG AA ✓ Pass

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

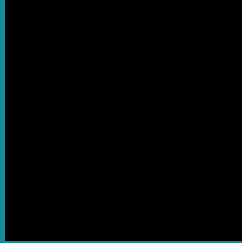
Any Text WCAG AA ✓ Pass

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 1B8A96 Background



This preview shows how black text looks on a background with the Hex color 1B8A96.

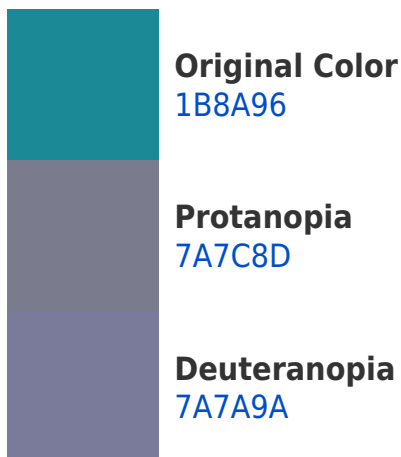


This preview shows how white text looks on a background with the Hex color 1B8A96.

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
1A8A95

Trichromacy



Original Color
1B8A96

Protanomaly
578190

Deuteranomaly
578099

Tritanomaly
1A8A95

Monochromacy



Original Color
1B8A96

Achromatopsia
6A6A6A

Achromatomaly
4D767A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B8A96 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 #1B8A96 looks like.

```
.text, #text, p{  
    color:#1B8A96  
}
```

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 #1B8A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B8A96
}
```

Border

The CSS property to change the border of an element to Hex 1B8A96 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
#1B8A96 }
```

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

```
.border{ border-color:#1B8A96 }
```

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

Here you see how a box with a 4 pixel #1B8A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B8A96; -webkit-box-shadow:4px 4px  
4px 4px #1B8A96; box-shadow:4px 4px 4px  
4px #1B8A96 }
```

Background

The CSS property to change the background color of an element to Hex 1B8A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B8A96 }
```

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

```
.background{ background-color:#1B8A96 }
```

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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