

Converting Colors

Hex(1B9CA3)

Have a look what the booklet for
Hex(1B9CA3) contains.

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Color

Hex(1B9CA3)

Conversions

Conversions Part 1

Format	Color
Hex	1B9CA3
RGB	27, 156, 163
RGB Percent	11%, 61%, 64%
CMY	0.8941, 0.3882, 0.3608
CMYK	0.83, 0.04, 0.00, 0.36
HSL	183°, 72%, 37%
HSV	183°, 83%, 64%
XYZ	18.9513, 26.6543, 38.7963
YIQ	118.2270, -79.1310, -25.1710

Conversions

Conversions Part 2

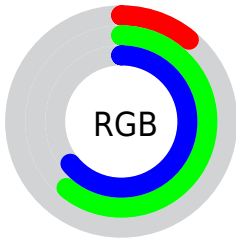
Format	Color
RYB	27, 93, 163
Decimal	1809571
CIELab	58.65, -29.68, -13.08
CIElCh	59, 32.429, 203.780
Yxy	26.6543, 0.2245, 0.3158
Android (android.graphics.Color)	4279999651 (0xFF1B9CA3)
YUV	118.2270, 22.0731, -80.0061
Hunter-Lab	51.6278, -24.8256, -8.4147

Details

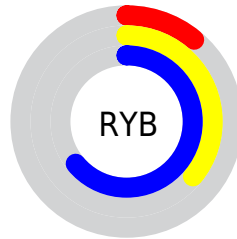
The Hex color **1B9CA3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A3221B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **64D3DA**, and **00686F** is the 20% darker color. If you saturate the color by 10%, you get **0B9BA3**, and if you desaturate by 10%, it is **2B9DA3**.

Distribution



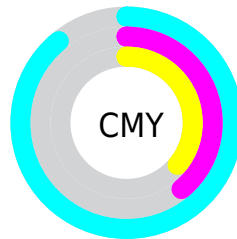
- Red (11%)
- Green (61%)
- Blue (64%)



- Red (11%)
- Yellow (36%)
- Blue (64%)



- Cyan (83%)
- Magenta (4%)
- Yellow (0%)
- Black (36%)



- Cyan (89%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B9CA3 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 1B9CA3 by changing the saturation by 10% instead.

 1B9CA3

 1B9CA3


FFFFFF

 008289

 64D3DA

 00686F

 82EFF6

 005057

 A0FFFF

 003840

 B0FFFF

 00232A

 DBFFFF

 000116

 FAFFFF

 000000

 1B9CA3

 1B9CA3

 0B9BA3

 2B9DA3

009BA3

3C9EA3

4C9FA3

5C9FA3

6CA0A3

7DA1A3

8DA2A3

9DA3A3

AEA4A3

Harmonies

Analogous

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



429C86



1B9CA3



2899BA

Triad

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



1B9CA3



AB7EAF



A58954

Complementary

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



1B9CA3



A3221B

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.



BA8060



1B9CA3



C07894

Square

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



1B9CA3



8888C1



C47878



899258

Rectangle

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



1B9CA3



4994C3



C47878



AD8657

Sweetspot

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



1B9CA3



9FD1D4



1BA322



4B696B



EBEBEB



6B6B6B

Same Dimension

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



1B9CA3



00C9D4



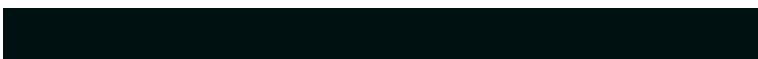
1B58A3



495152



008A91



001112

Inverse Universe

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



A31B9C



D400C9



A3661B



524951



91008A



120011

Previews

White Background



This preview shows how the Hex color 1B9CA3 looks on a white background.

Color Contrast Check

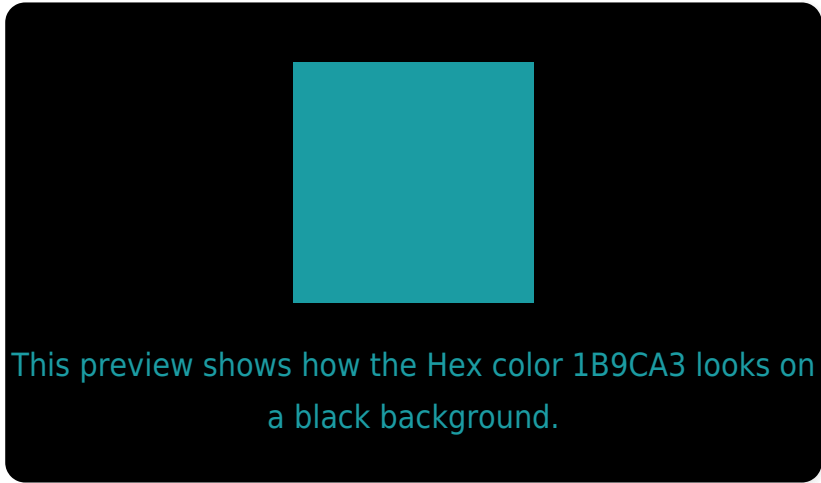
Large Text (above 18pt) WCAG AA ✓ Pass

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

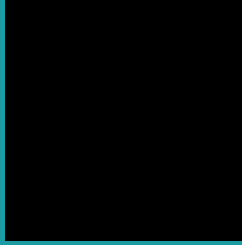
Any Text WCAG AA ✓ Pass

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 1B9CA3 Background



This preview shows how black text looks on a background with the Hex color 1B9CA3.

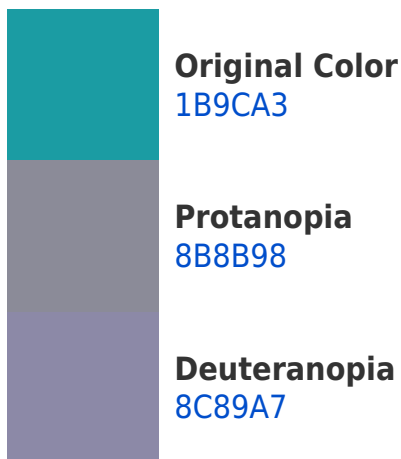


This preview shows how white text looks on a background with the Hex color 1B9CA3.

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](#).

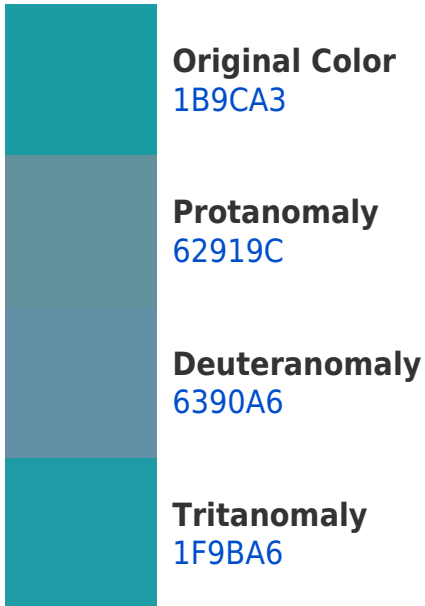
Dichromacy





Tritanopia
219BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B9CA3 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 #1B9CA3 looks like.

```
.text, #text, p{  
    color:#1B9CA3  
}
```

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 #1B9CA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B9CA3
}
```

Border

The CSS property to change the border of an element to Hex 1B9CA3 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
#1B9CA3 }
```

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

```
.border{ border-color:#1B9CA3 }
```

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

Here you see how a box with a 4 pixel #1B9CA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B9CA3; -webkit-box-shadow:4px 4px  
4px 4px #1B9CA3; box-shadow:4px 4px 4px  
4px #1B9CA3 }
```

Background

The CSS property to change the background color of an element to Hex 1B9CA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B9CA3 }
```

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

```
.background{ background-color:#1B9CA3 }
```

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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