

# Converting Colors

Hex(1B829B)

Have a look what the booklet for  
Hex(1B829B) contains.

<b>Hex(1B829B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1B829B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B829B
RGB	27, 130, 155
RGB Percent	11%, 51%, 61%
CMY	0.8941, 0.4902, 0.3922
CMYK	0.83, 0.16, 0.00, 0.39
HSL	192°, 70%, 36%
HSV	192°, 83%, 61%
XYZ	14.3510, 18.5648, 33.8373
YIQ	102.0530, -69.4130, -14.0610

# Conversions

## Conversions Part 2

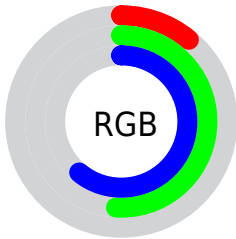
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 84, 155
Decimal	1802907
CIE <sub>Lab</sub>	50.17, -18.99, -21.38
CIE <sub>LCh</sub>	50, 28.591, 228.389
Yxy	18.5648, 0.2150, 0.2781
Android (android.graphics.Color)	4279992987 (0xFF1B829B)
YUV	102.0530, 26.1029, -65.8215
Hunter-Lab	43.0869, -15.9489, -16.4012

# Details

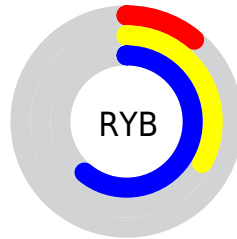
The Hex color **1B829B** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9B341B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5FB7D2**, and **005068** is the 20% darker color. If you saturate the color by 10%, you get **0B7F9B**, and if you desaturate by 10%, it is **2A859B**.

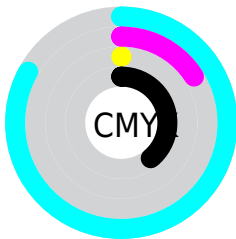
# Distribution



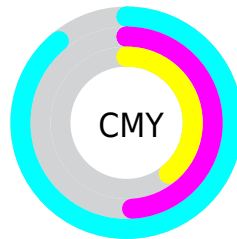
- Red (11%)
- Green (51%)
- Blue (61%)



- Red (11%)
- Yellow (33%)
- Blue (61%)



- Cyan (83%)
- Magenta (16%)
- Yellow (0%)
- Black (39%)



- Cyan (89%)
- Magenta (49%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1B829B 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 1B829B by changing the saturation by 10% instead.



■ 1B829B

■ 1B829B

FFFFFF

■ 006981

■ 5FB7D2

■ 005068

■ 7DD3EE

■ 003950

■ 9AEFFF

■ 002439

■ B7FFFF

■ 000323

■ D4FFFF

■ 00000B

■ F2FFFF

■ 000000

■ 1B829B

■ 1B829B

■ 0B7F9B

■ 2A859B

007D9B

3A889B

498B9B

598E9B

68919B

78949B

87979B

979A9B

A69D9B

# Harmonies

## Analogous

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



1C8486



1B829B



447DA7

# Triad

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



1B829B



A16682



787B48

# Complementary

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



1B829B



9B341B

# 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.



907348



1B829B



A76569

# Square

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



1B829B



8D6C98



A16A54



5D8156

# Rectangle

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



1B829B



6077A7



A16A54



817847



# Sweetspot

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



1B829B



97C0C9



1B9B32



476066



E6E6E6



666666



# Same Dimension

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



1B829B



02A2C9



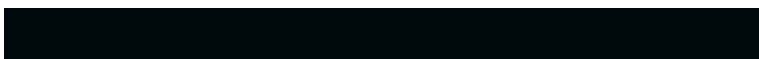
1B449B



454B4D



00718C



000A0D



# Inverse Universe

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



9B1B82



C902A2



9B721B



4D454B



8C0071



0D000A



# Previews

## White Background



This preview shows how the Hex color 1B829B looks on a white background.

## Color Contrast Check

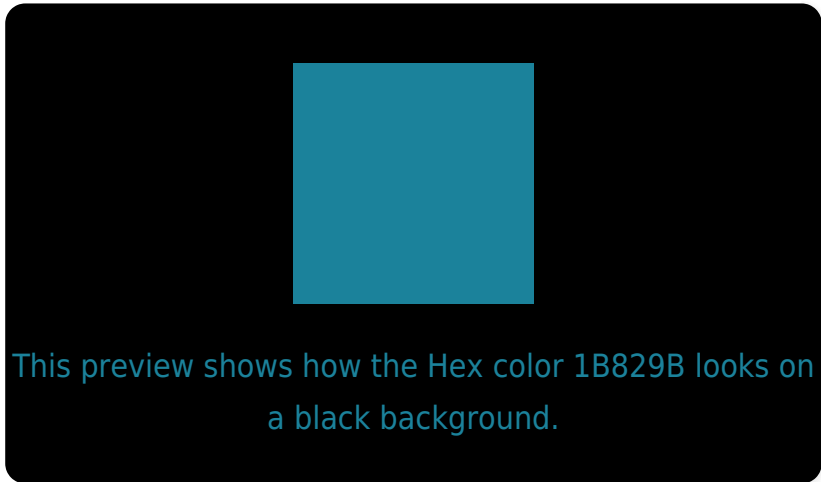
Large Text (above 18pt) WCAG AA ✓ Pass

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

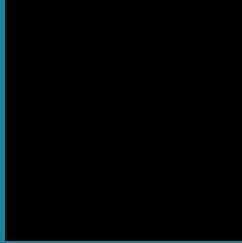
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1B829B Background



This preview shows how black text looks on a background with the Hex color 1B829B.

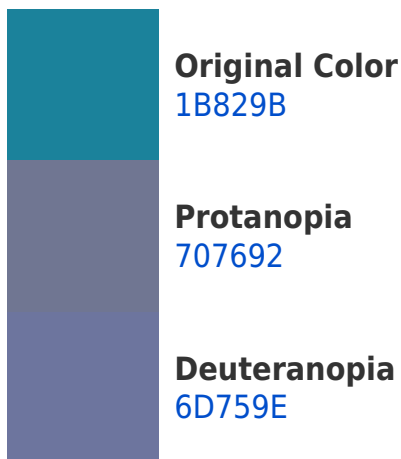


This preview shows how white text looks on a background with the Hex color 1B829B.

# 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](#).

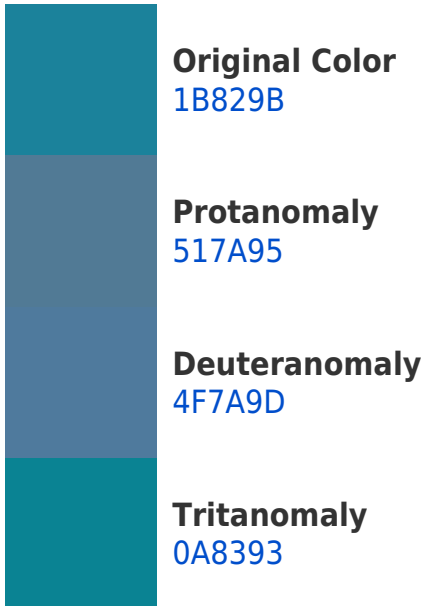
## Dichromacy





**Tritanopia**  
00848F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1B829B 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 #1B829B looks like.

```
.text, #text, p{  
    color:#1B829B  
}
```

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 #1B829B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B829B
}
```

## Border

The CSS property to change the border of an element to Hex 1B829B 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
#1B829B }
```

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

```
.border{ border-color:#1B829B }
```

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

Here you see how a box with a 4 pixel #1B829B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B829B; -webkit-box-shadow:4px 4px  
4px 4px #1B829B; box-shadow:4px 4px 4px  
4px #1B829B }
```

# Background

The CSS property to change the background color of an element to Hex 1B829B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B829B }
```

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

```
.background{ background-color:#1B829B }
```

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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