

# Converting Colors

Hex(1C828B)

Have a look what the booklet for  
Hex(1C828B) contains.

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# Color

**Hex(1C828B)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 1C828B                       |
| RGB         | 28, 130, 139                 |
| RGB Percent | 11%, 51%, 55%                |
| CMY         | 0.8902, 0.4902, 0.4549       |
| CMYK        | 0.80, 0.06, 0.00, 0.45       |
| HSL         | 185°, 66%, 33%               |
| HSV         | 185°, 80%, 55%               |
| XYZ         | 13.1217, 18.0762, 27.2236    |
| YIQ         | 100.5280, -63.6810, -18.8250 |

# Conversions

## Conversions Part 2

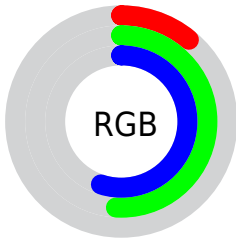
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 28, 81, 139                    |
| Decimal                             | 1868427                        |
| CIE <sub>Lab</sub>                  | 49.59, -24.29, -12.91          |
| CIE <sub>LCh</sub>                  | 50, 27.511, 207.994            |
| Yxy                                 | 18.0762, 0.2246,<br>0.3094     |
| Android<br>(android.graphics.Color) | 4280058507<br>(0xFF1C828B)     |
| YUV                                 | 100.5280, 18.9667,<br>-63.6071 |
| Hunter-Lab                          | 42.5161, -19.3129,<br>-8.2028  |

# Details

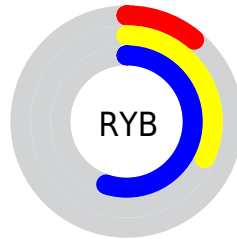
The Hex color **1C828B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8B251C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5DB7C0**, and **005059** is the 20% darker color. If you saturate the color by 10%, you get **0E818B**, and if you desaturate by 10%, it is **2A838B**.

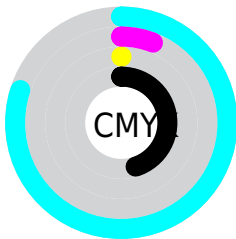
# Distribution



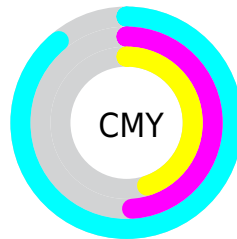
- Red (11%)
- Green (51%)
- Blue (55%)



- Red (11%)
- Yellow (32%)
- Blue (55%)



- Cyan (80%)
- Magenta (6%)
- Yellow (0%)
- Black (45%)



- Cyan (89%)
- Magenta (49%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C828B 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 1C828B by changing the saturation by 10% instead.





1C828B



1C828B

FFFFFF



006972



5DB7C0



005059



7AD3DC



003942



97F0F9



00232C



B4FFFF



000118



D1FFFF



000000



EEFFFF



1C828B



1C828B



0E818B



2A838B

00808B

38848B

46858B

54878B

62888B

6F898B

7D8A8B

8B8B8B

998C8B

# Harmonies

## Analogous

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



358273



1C828B



2C7F9D

# Triad

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



1C828B



92688F



877447

# Complementary

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



1C828B



8B251C

# 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.



996C4F



1C828B



A16478

# Square

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



1C828B



76709F



A36661



6F7B4C

# Rectangle

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



1C828B



457BA3



A36661



8E7148



# Sweetspot

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



1C828B



8AB2B5



1C8B23



415A5C



DBDBDB



5C5C5C



# Same Dimension

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



1C828B



07A7B5



1C4C8B



3E4445



007A85



000505



# Inverse Universe

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



8B1C82



B507A7



8B5B1C



453E44



85007A



050005



# Previews

## White Background



This preview shows how the Hex color 1C828B 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



This preview shows how the Hex color 1C828B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

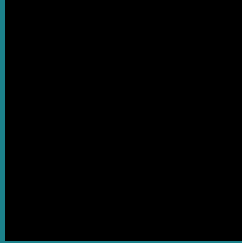
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1C828B Background



This preview shows how black text looks on a background with the Hex color 1C828B.

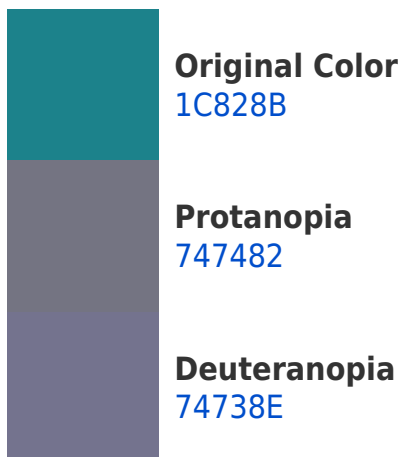


This preview shows how white text looks on a background with the Hex color 1C828B.

# 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](#).

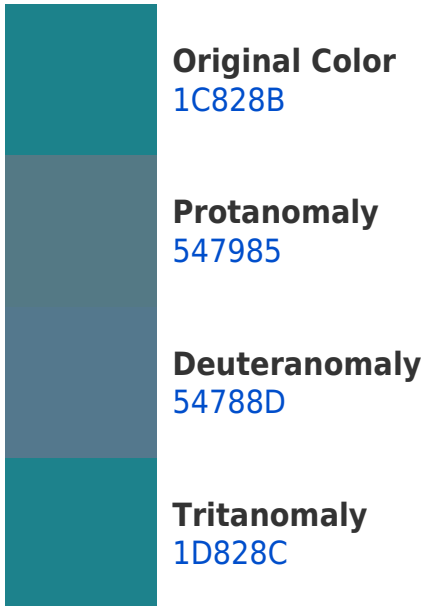
## Dichromacy



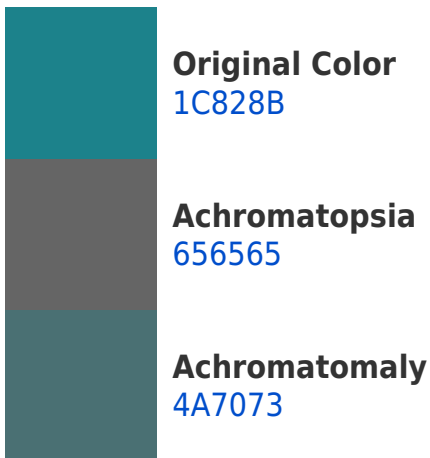


**Tritanopia**  
1D828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C828B 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 #1C828B looks like.

```
.text, #text, p{  
    color:#1C828B  
}
```

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 #1C828B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C828B
}
```

## Border

The CSS property to change the border of an element to Hex 1C828B 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
#1C828B }
```

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

```
.border{ border-color:#1C828B }
```

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

Here you see how a box with a 4 pixel #1C828B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C828B; -webkit-box-shadow:4px 4px  
4px 4px #1C828B; box-shadow:4px 4px 4px  
4px #1C828B }
```

# Background

The CSS property to change the background color of an element to Hex 1C828B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C828B }
```

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

```
.background{ background-color:#1C828B }
```

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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