

# Converting Colors

Hex(14818B)

Have a look what the booklet for  
Hex(14818B) contains.

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# Color

**Hex(14818B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14818B
RGB	20, 129, 139
RGB Percent	8%, 51%, 55%
CMY	0.9216, 0.4941, 0.4549
CMYK	0.86, 0.07, 0.00, 0.45
HSL	185°, 75%, 31%
HSV	185°, 86%, 55%
XYZ	12.7989, 17.7133, 27.1705
YIQ	97.5490, -68.1740, -19.9980

# Conversions

## Conversions Part 2

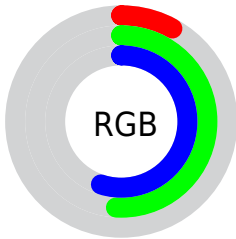
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 77, 139
Decimal	1343883
CIELab	49.15, -24.52, -13.59
CIELCh	49, 28.039, 208.999
Yxy	17.7133, 0.2219, 0.3071
Android (android.graphics.Color)	4279533963 (0xFF14818B)
YUV	97.5490, 20.4353, -68.0105
Hunter-Lab	42.0872, -19.3697, -8.8152

# Details

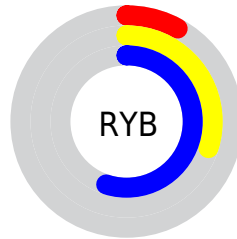
The Hex color **14818B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8B1E14**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5AB6C0**, and **004F59** is the 20% darker color. If you saturate the color by 10%, you get **06808B**, and if you desaturate by 10%, it is **22828B**.

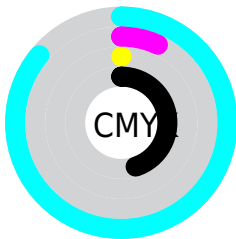
# Distribution



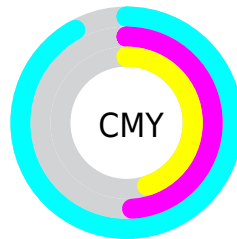
- Red (8%)
- Green (51%)
- Blue (55%)



- Red (8%)
- Yellow (30%)
- Blue (55%)



- Cyan (86%)
- Magenta (7%)
- Yellow (0%)
- Black (45%)



- Cyan (92%)
- Magenta (49%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14818B 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 14818B by changing the saturation by 10% instead.



■ 14818B

■ 14818B

FFFFFF

■ 006872

■ 5AB6C0

■ 004F59

■ 77D2DC

■ 003842

■ 94EEF9

■ 00232C

■ B0FFFF

■ 000118

■ CEFFFF

■ 000000

■ EBFFFF

■ 14818B

■ 14818B

■ 06808B

■ 22828B

007F8B

30838B

3E858B

4C868B

5A878B

67888B

75898B

838A8B

918C8B

# Harmonies

## Analogous

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



318173



14818B



287E9D

# Triad

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



14818B



92678E



857345

# Complementary

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



14818B



8B1E14

# 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.



986B4D



14818B



A16277

# Square

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



14818B



766F9E



A3645F



6D7A4A

# Rectangle

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



14818B



447AA3



A3645F



8C7046



# Sweetspot

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



14818B



86B1B5



148B1E



3F595C



DBDBDB



5C5C5C



# Same Dimension

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



14818B



00A6B5



14468B



3E4445



007985



000505



# Inverse Universe

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



8B1481



B500A6



8B5914



453E44



850079

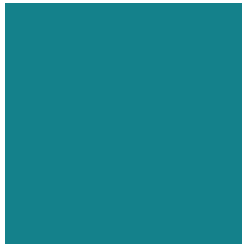


050005



# Previews

## White Background



This preview shows how the Hex color 14818B looks on a white background.

## Color Contrast Check

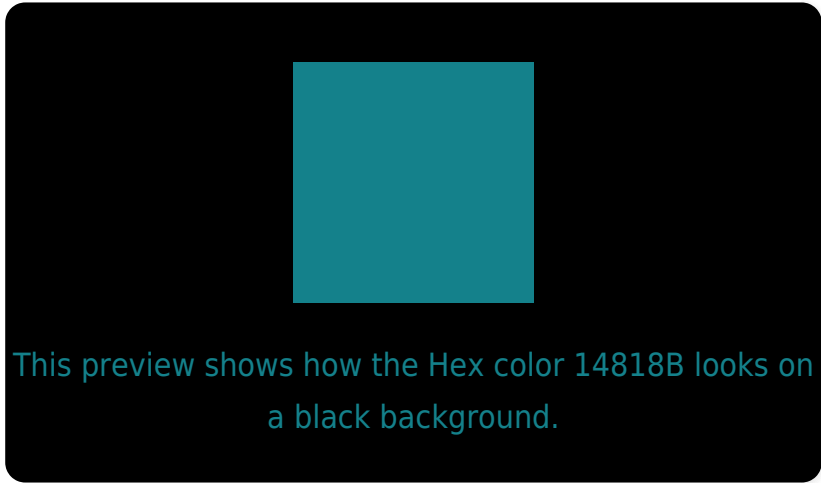
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

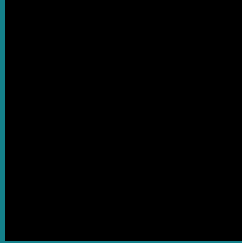
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 14818B Background



This preview shows how black text looks on a background with the Hex color 14818B.

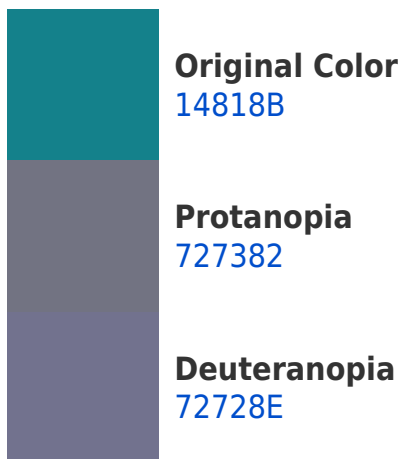


This preview shows how white text looks on a background with the Hex color 14818B.

# 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](#).

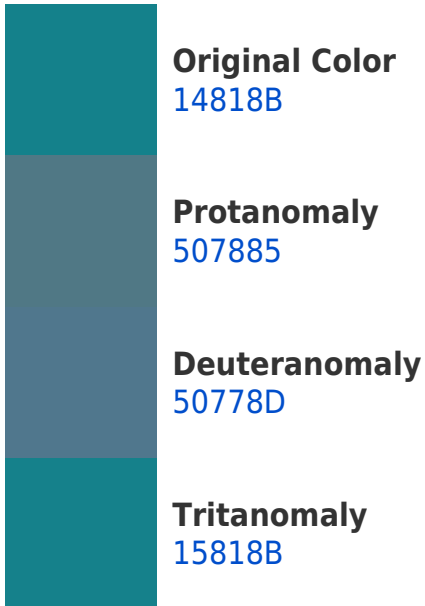
## Dichromacy



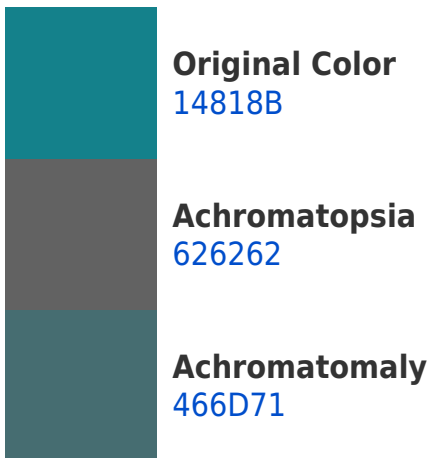


**Tritanopia**  
15818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14818B 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 #14818B looks like.

```
.text, #text, p{  
    color:#14818B  
}
```

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 #14818B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14818B
}
```

## Border

The CSS property to change the border of an element to Hex 14818B 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
#14818B }
```

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

```
.border{ border-color:#14818B }
```

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

Here you see how a box with a 4 pixel #14818B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14818B; -webkit-box-shadow:4px 4px  
4px 4px #14818B; box-shadow:4px 4px 4px  
4px #14818B }
```

# Background

The CSS property to change the background color of an element to Hex 14818B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14818B }
```

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

```
.background{ background-color:#14818B }
```

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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