

# Converting Colors

Hex(18A59F)

Have a look what the booklet for  
Hex(18A59F) contains.

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# Color

Hex(18A59F)

# Conversions

## Conversions Part 1

Format	Color
Hex	18A59F
RGB	24, 165, 159
RGB Percent	9%, 65%, 62%
CMY	0.9059, 0.3529, 0.3765
CMYK	0.85, 0.00, 0.04, 0.35
HSL	177°, 75%, 37%
HSV	177°, 85%, 65%
XYZ	20.0898, 29.6077, 37.4569
YIQ	122.1570, -82.1100, -31.7580

# Conversions

## Conversions Part 2

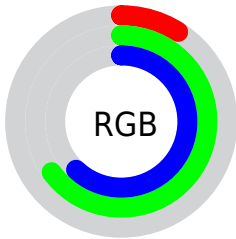
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 96, 165
Decimal	1615263
CIE <sub>Lab</sub>	61.31, -35.41, -6.84
CIE <sub>LCh</sub>	61, 36.065, 190.928
Yxy	29.6077, 0.2305, 0.3397
Android (android.graphics.Color)	4279805343 (0xFF18A59F)
YUV	122.1570, 18.1636, -86.0837
Hunter-Lab	54.4129, -29.3185, -2.7251

# Details

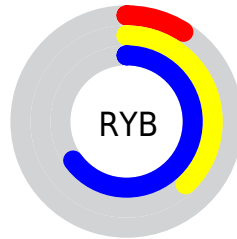
The Hex color **18A59F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A5181E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **64DDD6**, and **00706C** is the 20% darker color. If you saturate the color by 10%, you get **07A59E**, and if you desaturate by 10%, it is **28A5A0**.

# Distribution



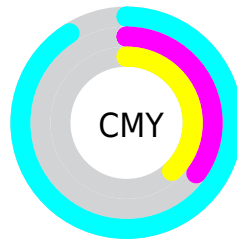
- Red (9%)
- Green (65%)
- Blue (62%)



- Red (9%)
- Yellow (38%)
- Blue (65%)



- Cyan (85%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)



- Cyan (91%)
- Magenta (35%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18A59F 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 18A59F by changing the saturation by 10% instead.



18A59F

18A59F

FFFFFF

008A85

64DDD6

00706C

82F9F2

005754

A0FFFF

003F3C

BEFFFF

002927

DCFFFF

000A13

FAFFFF

000000

18A59F

18A59F

07A59E

28A5A0

■ 00A59E

■ 39A5A0

■ 49A5A1

■ 5AA5A2

■ 6AA5A3

■ 7BA5A3

■ 8BA5A4

■ 9CA5A5

■ ACA5A5

# Harmonies

## Analogous

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



51A37E



18A59F



00A3BD

# Triad

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



18A59F



A787C4



BA8B58

# Complementary

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



18A59F



A5181E

# 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.



CD806C



18A59F



C57EAA

# Square

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



18A59F



7893D2



D27B89



9D9654

# Rectangle

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



18A59F



239FCB



D27B89



C2875D



# Sweetspot

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



18A59F



9FD6D4



1FA518



4A6B6A



EBEBEB



6B6B6B



# Same Dimension

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



18A59F



00D6CD



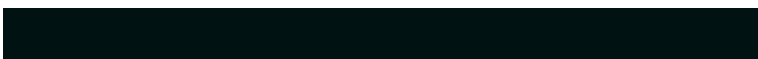
1866A5



495251



00918B



001211



# Inverse Universe

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



A5181E



D60009



A55718



52494A



910006

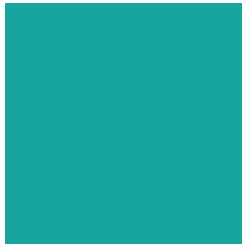


120001



# Previews

## White Background



This preview shows how the Hex color 18A59F looks on a white background.

## Color Contrast Check

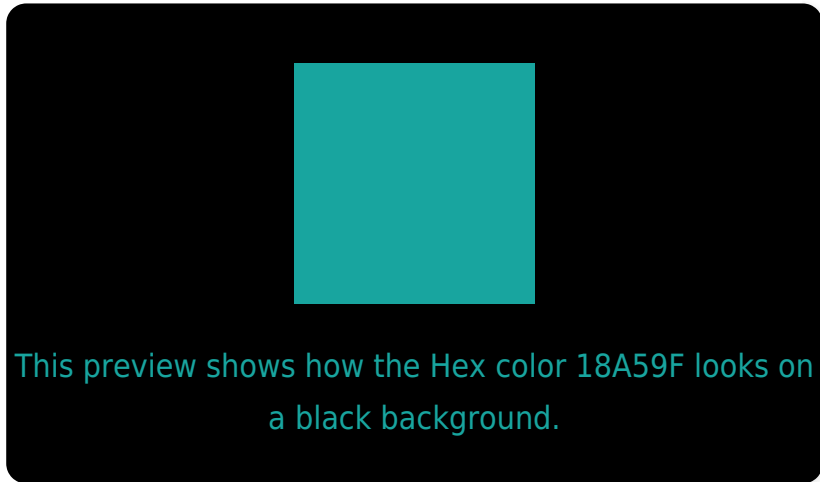
Large Text (above 18pt) WCAG AA ✓ Pass

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

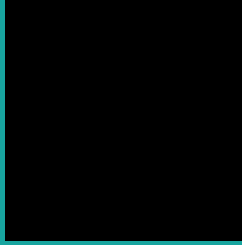
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 18A59F Background



This preview shows how black text looks on a background with the Hex color 18A59F.

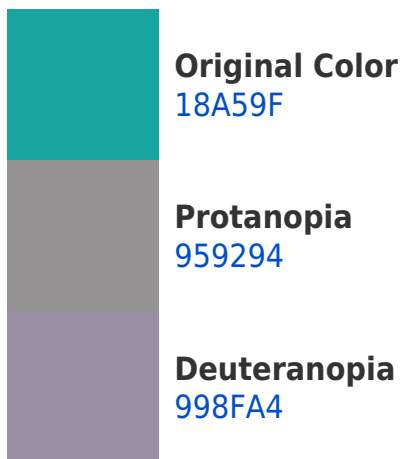


This preview shows how white text looks on a background with the Hex color 18A59F.

# 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**  
29A2B0

# Trichromacy



**Original Color**  
18A59F



**Protanomaly**  
689998



**Deuteranomaly**  
6A97A2



**Tritanomaly**  
23A3AA

# Monochromacy



**Original Color**  
18A59F



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
568A87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18A59F 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 #18A59F looks like.

```
.text, #text, p{  
    color:#18A59F  
}
```

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 #18A59F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18A59F
}
```

## Border

The CSS property to change the border of an element to Hex 18A59F 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
#18A59F }
```

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

```
.border{ border-color:#18A59F }
```

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

Here you see how a box with a 4 pixel #18A59F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18A59F; -webkit-box-shadow:4px 4px  
4px 4px #18A59F; box-shadow:4px 4px 4px  
4px #18A59F }
```

# Background

The CSS property to change the background color of an element to Hex 18A59F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18A59F }
```

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

```
.background{ background-color:#18A59F }
```

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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