

Converting Colors

Hex(18829F)

Have a look what the booklet for
Hex(18829F) contains.

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Color

Hex(18829F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 18829F |
| RGB | 24, 130, 159 |
| RGB Percent | 9%, 51%, 62% |
| CMY | 0.9059, 0.4902, 0.3765 |
| CMYK | 0.85, 0.18, 0.00, 0.38 |
| HSL | 193°, 74%, 36% |
| HSV | 193°, 85%, 62% |
| XYZ | 14.6173, 18.6627, 35.6327 |
| YIQ | 101.6120, -72.4850, -13.4530 |

Conversions

Conversions Part 2

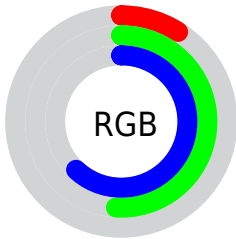
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 24, 83, 159 |
| Decimal | 1606303 |
| CIELab | 50.29, -17.85, -23.53 |
| CIElCh | 50, 29.535, 232.818 |
| Yxy | 18.6627, 0.2121, 0.2708 |
| Android (android.graphics.Color) | 4279796383 (0xFF18829F) |
| YUV | 101.6120, 28.2923, -68.0657 |
| Hunter-Lab | 43.2003, -15.2029, -18.6637 |

Details

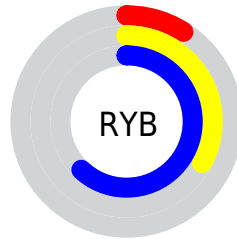
The Hex color **18829F** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9F3518**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5FB7D6**, and **00516B** is the 20% darker color. If you saturate the color by 10%, you get **087F9F**, and if you desaturate by 10%, it is **28859F**.

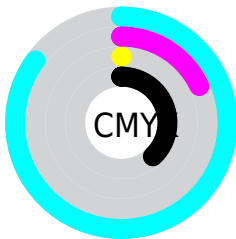
Distribution



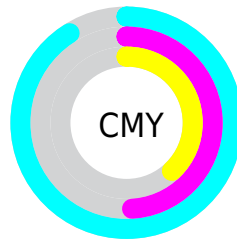
- Red (9%)
- Green (51%)
- Blue (62%)



- Red (9%)
- Yellow (33%)
- Blue (62%)



- Cyan (85%)
- Magenta (18%)
- Yellow (0%)
- Black (38%)



- Cyan (91%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18829F 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 18829F by changing the saturation by 10% instead.

18829F

18829F

FFFFFF

006985

5FB7D6

00516B

7CD3F2

003953

99EFFF

00243C

B7FFFF

000526

D4FFFF

000110

F2FFFF

000000

18829F

18829F

087F9F

28859F

■ 007D9F

■ 38899F

■ 488C9F

■ 58909F

■ 68939F

■ 77969F

■ 879A9F

■ 979D9F

■ A7A19F

Harmonies

Analogous

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



0D858A



18829F



487CA9

Triad

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



18829F



A4657F



757C48

Complementary

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



18829F



9F3518

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.



8E7446



18829F



A96565

Square

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



18829F



926A96



A06B51



578258

Rectangle

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



18829F



6576A8



A06B51



7E7A46

Sweetspot

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



18829F



9BC3CF



189F33



496269



E8E8E8



696969

Same Dimension

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



18829F



00A2CF



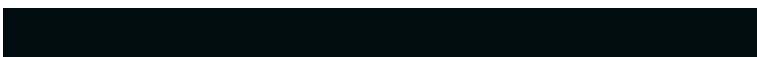
18409F



474D4F



00708F



000C0F

Inverse Universe

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



9F1882



CF00A2



9F7618



4F474D



8F0070



0F000C

Previews

White Background



This preview shows how the Hex color 18829F looks on a white background.

Color Contrast Check

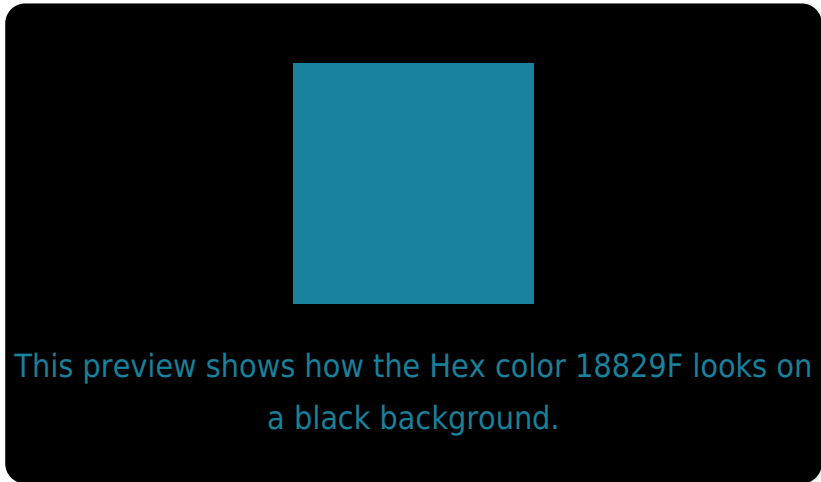
Large Text (above 18pt) WCAG AA ✓ Pass

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

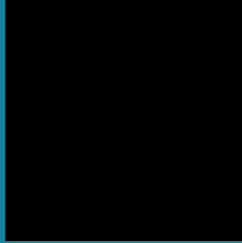
Any Text WCAG AA ✓ Pass

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 18829F Background



This preview shows how black text looks on a background with the Hex color 18829F.

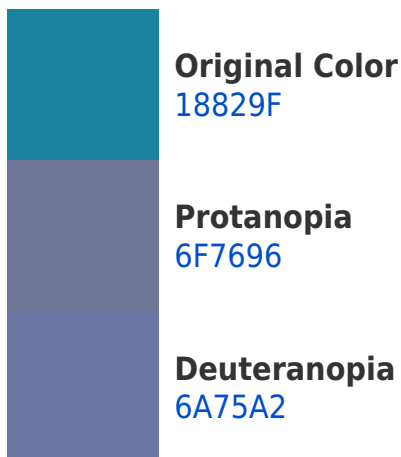


This preview shows how white text looks on a background with the Hex color 18829F.

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](#).

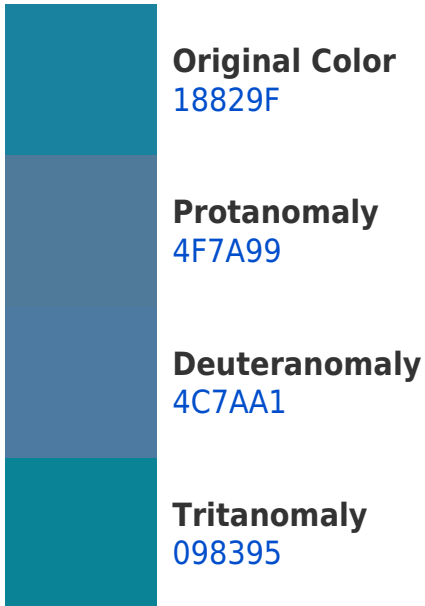
Dichromacy



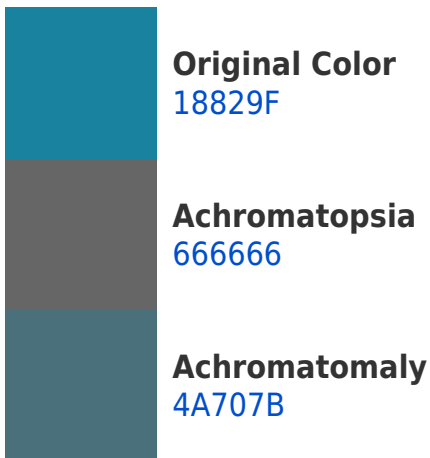


Tritanopia
00848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 18829F 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 #18829F looks like.

```
.text, #text, p{  
    color:#18829F  
}
```

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 #18829F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18829F
}
```

Border

The CSS property to change the border of an element to Hex 18829F 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
#18829F }
```

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

```
.border{ border-color:#18829F }
```

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

Here you see how a box with a 4 pixel #18829F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18829F; -webkit-box-shadow:4px 4px  
4px 4px #18829F; box-shadow:4px 4px 4px  
4px #18829F }
```

Background

The CSS property to change the background color of an element to Hex 18829F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18829F }
```

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

```
.background{ background-color:#18829F }
```

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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