

# Converting Colors

Hex(18768F)

Have a look what the booklet for  
Hex(18768F) contains.

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# Color

**Hex(18768F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18768F
RGB	24, 118, 143
RGB Percent	9%, 46%, 56%
CMY	0.9059, 0.5373, 0.4392
CMYK	0.83, 0.17, 0.00, 0.44
HSL	193°, 71%, 33%
HSV	193°, 83%, 56%
XYZ	11.8130, 15.1342, 28.2852
YIQ	92.7440, -64.0490, -12.1530

# Conversions

## Conversions Part 2

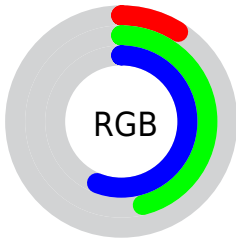
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 77, 143
Decimal	1603215
CIELab	45.82, -16.93, -21.03
CIElCh	46, 27.000, 231.164
Yxy	15.1342, 0.2139, 0.2740
Android (android.graphics.Color)	4279793295 (0xFF18768F)
YUV	92.7440, 24.7762, -60.2885
Hunter-Lab	38.9027, -13.8772, -15.8763

# Details

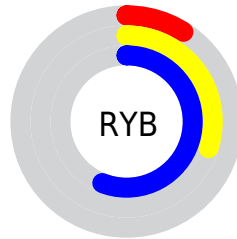
The Hex color **18768F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8F3118**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5BAAC5**, and **00455D** is the 20% darker color. If you saturate the color by 10%, you get **0A738F**, and if you desaturate by 10%, it is **26798F**.

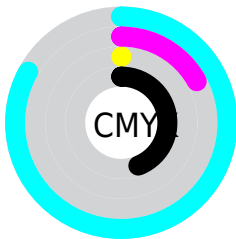
# Distribution



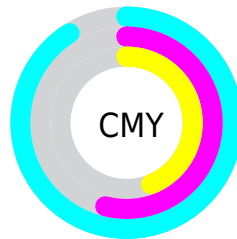
- Red (9%)
- Green (46%)
- Blue (56%)



- Red (9%)
- Yellow (30%)
- Blue (56%)



- Cyan (83%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (91%)
- Magenta (54%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18768F 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 18768F by changing the saturation by 10% instead.



■ 18768F

■ 18768F

FFFFFF

■ 005D75

■ 5BAAC5

■ 00455D

■ 77C6E1

■ 002F45

■ 94E2FE

■ 001C2E

■ B1FEFF

■ 00011A

■ CEFFFF

■ 000000

■ EBFFFF

■ 18768F

■ 18768F

■ 0A738F

■ 26798F

00718F

357C8F

437F8F

51828F

60858F

6E888F

7C8B8F

8A8E8F

99918F

# Harmonies

## Analogous

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



13787C



18768F



407199

# Triad

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



18768F



945C74



6B7042

# Complementary

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



18768F



8F3118

# 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.



816940



18768F



995C5D

# Square

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



18768F



826189



92614A



51754F

# Rectangle

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



18768F



5A6C99



92614A



736E40



# Sweetspot

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



18768F



8CB0BA



188F30



42585E



DEDEDE



5E5E5E



# Same Dimension

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



18768F



0093BA



183C8F



404647



006B87



000608



# Inverse Universe

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



8F1876



BA0093



8F6B18



474046



87006B



080006



# Previews

## White Background



This preview shows how the Hex color 18768F looks on a white background.

## Color Contrast Check

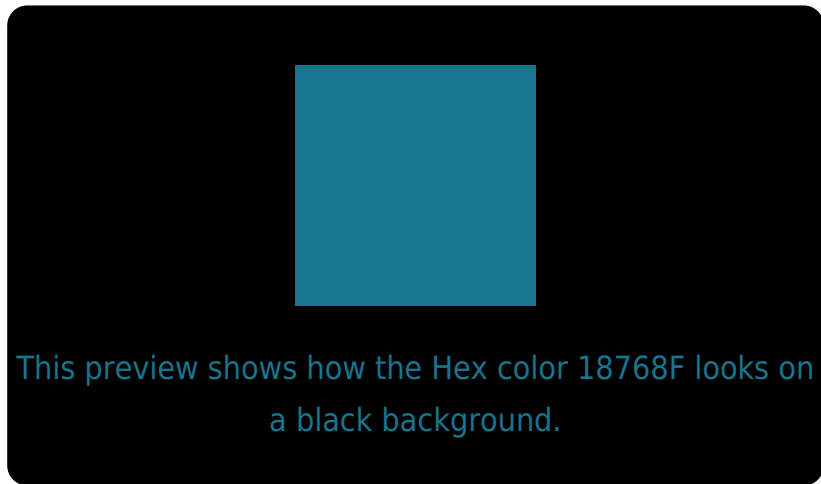
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

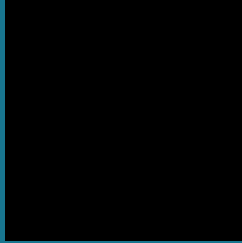
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 18768F Background



This preview shows how black text looks on a background with the Hex color 18768F.

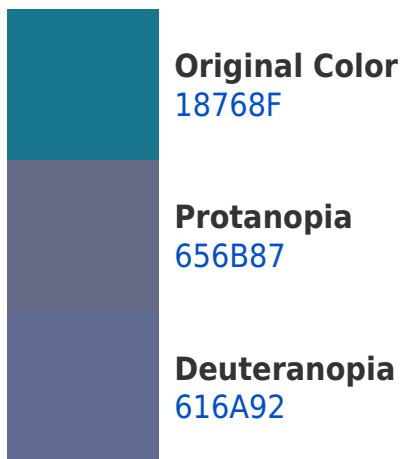


This preview shows how white text looks on a background with the Hex color 18768F.

# Color Blindness Simulation

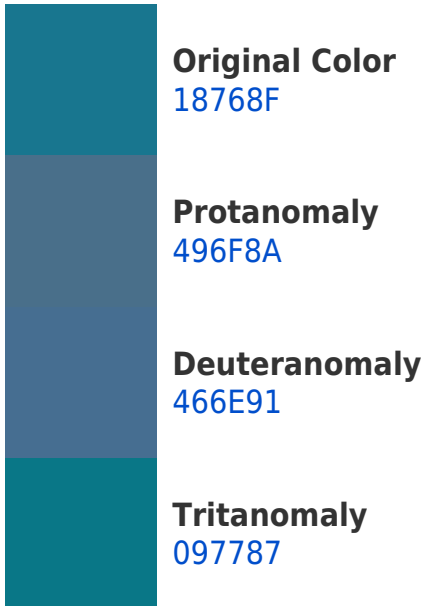
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

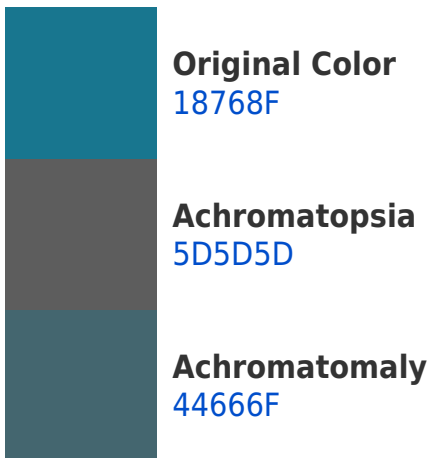




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18768F 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 #18768F looks like.

```
.text, #text, p{  
    color:#18768F  
}
```

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 #18768F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18768F
}
```

## Border

The CSS property to change the border of an element to Hex 18768F 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
#18768F }
```

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

```
.border{ border-color:#18768F }
```

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

Here you see how a box with a 4 pixel #18768F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18768F; -webkit-box-shadow:4px 4px  
4px 4px #18768F; box-shadow:4px 4px 4px  
4px #18768F }
```

# Background

The CSS property to change the background color of an element to Hex 18768F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18768F }
```

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

```
.background{ background-color:#18768F }
```

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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