

# Converting Colors

Hex(18737B)

Have a look what the booklet for  
Hex(18737B) contains.

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# Color

**Hex(18737B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	18737B
RGB	24, 115, 123
RGB Percent	9%, 45%, 48%
CMY	0.9059, 0.5490, 0.5176
CMYK	0.80, 0.07, 0.00, 0.52
HSL	185°, 67%, 29%
HSV	185°, 80%, 48%
XYZ	10.0826, 13.8857, 20.8877
YIQ	88.7030, -56.8040, -16.8040

# Conversions

## Conversions Part 2

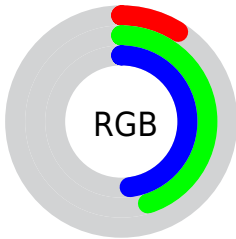
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 71, 123
Decimal	1602427
CIELab	44.07, -22.23, -11.78
CIELCh	44, 25.155, 207.926
Yxy	13.8857, 0.2248, 0.3096
Android (android.graphics.Color)	4279792507 (0xFF18737B)
YUV	88.7030, 16.9084, -56.7445
Hunter-Lab	37.2635, -16.9136, -7.1499

# Details

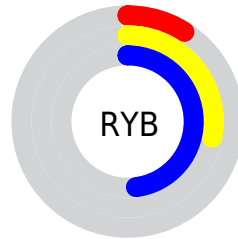
The Hex color **18737B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7B2018**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **57A7AF**, and **00424A** is the 20% darker color. If you saturate the color by 10%, you get **0C727B**, and if you desaturate by 10%, it is **24747B**.

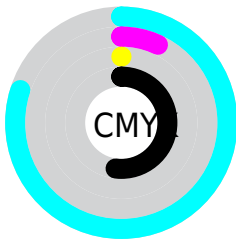
# Distribution



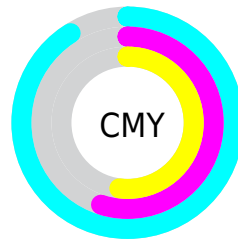
- Red (9%)
- Green (45%)
- Blue (48%)



- Red (9%)
- Yellow (28%)
- Blue (48%)



- Cyan (80%)
- Magenta (7%)
- Yellow (0%)
- Black (52%)



- Cyan (91%)
- Magenta (55%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18737B 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 18737B by changing the saturation by 10% instead.



 18737B

 18737B

FFFFFF

 005A62

 57A7AF

 00424A

 73C3CB

 002C34

 8FD7E7

 00181F

 ABFBFF

 000004

 C8FFFF

 000000

 E5FFFF

 18737B

 18737B

 0C727B

 24747B

00717B

31757B

3D767B

49777B

56787B

62797B

6E7A7B

7A7B7B

877C7B

# Harmonies

## Analogous

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



2F7366



18737B



26708B

# Triad

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



18737B



815C7F



77663E

# Complementary

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



18737B



7B2018

# 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.



885F45



18737B



8F586A

# Square

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



18737B



69638D



915A56



626D43

# Rectangle

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



18737B



3C6D91



915A56



7E643F



# Sweetspot

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



18737B



7A9EA1



187B1F



3A5052



D1D1D1



525252



# Same Dimension

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



18737B



0594A1



18437B



373D3D



00737D



00E8FC



# Inverse Universe

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



7B1873



A10594



7B5018



3D373D



7D0073

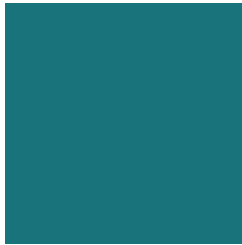


FC00E8



# Previews

## White Background



This preview shows how the Hex color 18737B looks on a white background.

## Color Contrast Check

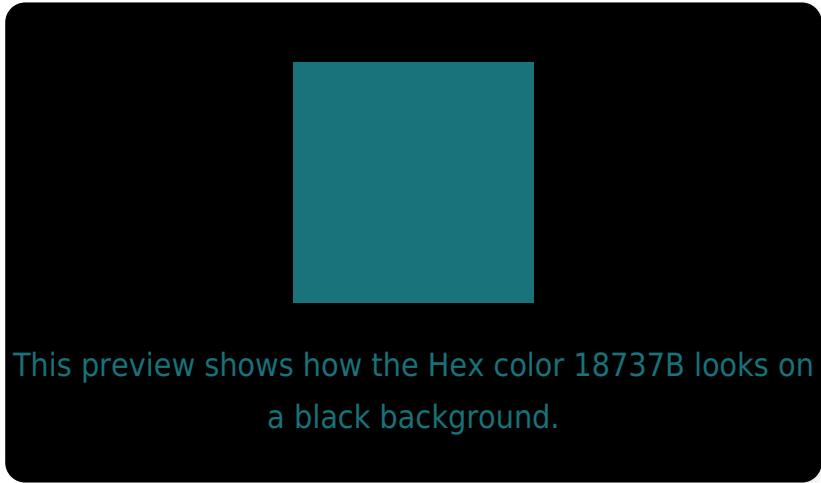
Large Text (above 18pt) WCAG AA ✓ Pass

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

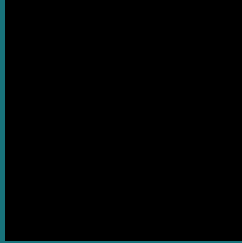
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 18737B Background



This preview shows how black text looks on a background with the Hex color 18737B.

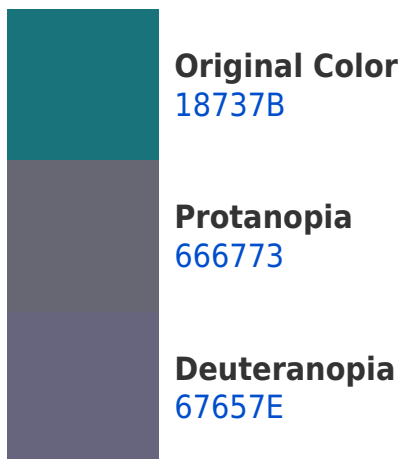



This preview shows how white text looks on a background with the Hex color 18737B.

# 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](#).

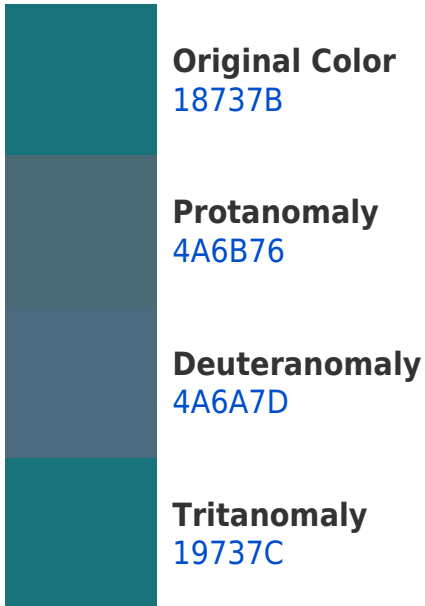
## Dichromacy



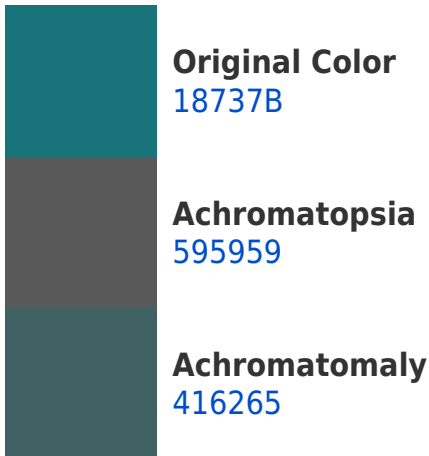


**Tritanopia**  
19737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18737B 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 #18737B looks like.

```
.text, #text, p{  
    color:#18737B  
}
```

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 #18737B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18737B
}
```

## Border

The CSS property to change the border of an element to Hex 18737B 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
#18737B }
```

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

```
.border{ border-color:#18737B }
```

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

Here you see how a box with a 4 pixel #18737B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18737B; -webkit-box-shadow:4px 4px  
4px 4px #18737B; box-shadow:4px 4px 4px  
4px #18737B }
```

# Background

The CSS property to change the background color of an element to Hex 18737B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18737B }
```

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

```
.background{ background-color:#18737B }
```

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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