

Converting Colors

Hex(17858B)

Have a look what the booklet for
Hex(17858B) contains.

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Color

Hex(17858B)

Conversions

Conversions Part 1

Format	Color
Hex	17858B
RGB	23, 133, 139
RGB Percent	9%, 52%, 55%
CMY	0.9098, 0.4784, 0.4549
CMYK	0.83, 0.04, 0.00, 0.45
HSL	183°, 72%, 32%
HSV	183°, 83%, 55%
XYZ	13.4011, 18.8213, 27.3527
YIQ	100.7940, -67.4860, -21.4540

Conversions

Conversions Part 2

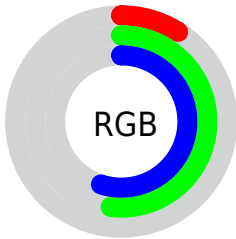
Format	Color
RYB	23, 79, 139
Decimal	1541515
CIELab	50.48, -26.30, -11.58
CIElCh	50, 28.739, 203.760
Yxy	18.8213, 0.2249, 0.3159
Android (android.graphics.Color)	4279731595 (0xFF17858B)
YUV	100.7940, 18.8356, -68.2253
Hunter-Lab	43.3835, -20.7829, -7.0130

Details

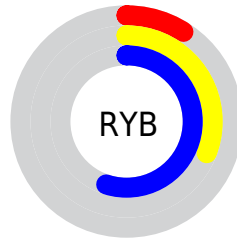
The Hex color **17858B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8B1D17**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5CBBC0**, and **005359** is the 20% darker color. If you saturate the color by 10%, you get **09848B**, and if you desaturate by 10%, it is **25868B**.

Distribution



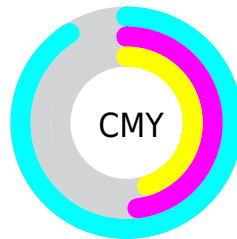
- Red (9%)
- Green (52%)
- Blue (55%)



- Red (9%)
- Yellow (31%)
- Blue (55%)



- Cyan (83%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (91%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17858B 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 17858B by changing the saturation by 10% instead.

 17858B

 17858B

FFFFFF

 006B72

 5CBBC0

 005359

 79D6DC

 003B42

 95F3F9

 00252C

 B2FFFF

 000418

 D0FFFF

 000000

 EDFFFF

 17858B

 17858B

 09848B

 25868B

■ 00848B

■ 33868B

■ 41878B

■ 4F888B

■ 5D898B

■ 6A898B

■ 788A8B

■ 868B8B

■ 948B8B

Harmonies

Analogous

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



388572



17858B



22829F

Triad

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



17858B



926B95



8D7547

Complementary

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



17858B



8B1D17

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.



9F6C52



17858B



A4667E

Square

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



17858B



7474A5



A86666



747D4B

Rectangle

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



17858B



3E7EA7



A86666



947249

Sweetspot

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



17858B



88B3B5



178B1D



405A5C



DBDBDB



5C5C5C

Same Dimension

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



17858B



00ACB5



174B8B



3E4445



007E85



000505

Inverse Universe

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



8B1785



B500AC



8B5717



453E44



85007E



050005

Previews

White Background



This preview shows how the Hex color 17858B looks on a white background.

Color Contrast Check

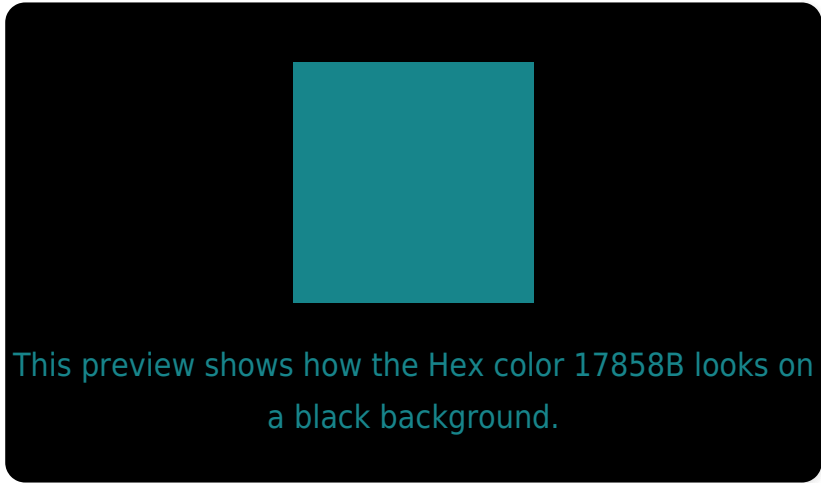
Large Text (above 18pt) WCAG AA ✓ Pass

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

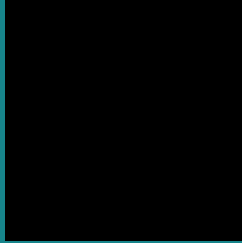
Any Text WCAG AA ✓ Pass

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 17858B Background



This preview shows how black text looks on a background with the Hex color 17858B.

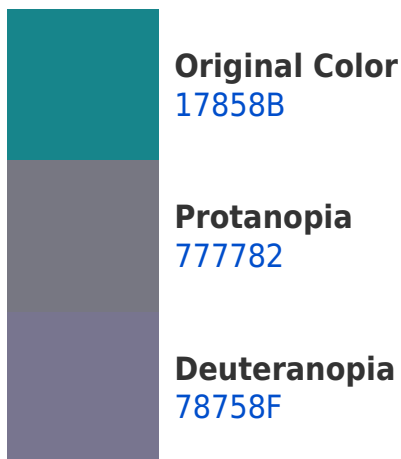


This preview shows how white text looks on a background with the Hex color 17858B.

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
1C848F

Trichromacy



Original Color
17858B



Protanomaly
547C85



Deuteranomaly
557B8E



Tritanomaly
1A848E

Monochromacy



Original Color
17858B



Achromatopsia
656565



Achromatomaly
497173

CSS Examples

Text

The CSS property to change the color of the text to Hex 17858B 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 #17858B looks like.

```
.text, #text, p{  
    color:#17858B  
}
```

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 #17858B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17858B
}
```

Border

The CSS property to change the border of an element to Hex 17858B 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
#17858B }
```

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

```
.border{ border-color:#17858B }
```

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

Here you see how a box with a 4 pixel #17858B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17858B; -webkit-box-shadow:4px 4px  
4px 4px #17858B; box-shadow:4px 4px 4px  
4px #17858B }
```

Background

The CSS property to change the background color of an element to Hex 17858B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17858B }
```

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

```
.background{ background-color:#17858B }
```

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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