

Converting Colors

Hex(10788B)

Have a look what the booklet for
Hex(10788B) contains.

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Color

Hex(10788B)

Conversions

Conversions Part 1

Format	Color
Hex	10788B
RGB	16, 120, 139
RGB Percent	6%, 47%, 55%
CMY	0.9373, 0.5294, 0.4549
CMYK	0.88, 0.14, 0.00, 0.45
HSL	189°, 79%, 30%
HSV	189°, 88%, 55%
XYZ	11.5904, 15.4072, 26.7891
YIQ	91.0700, -68.0830, -16.1390

Conversions

Conversions Part 2

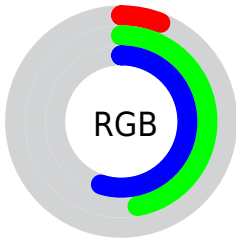
Format	Color
RYB	16, 72, 139
Decimal	1079435
CIELab	46.19, -20.10, -18.10
CIElCh	46, 27.052, 222.007
Yxy	15.4072, 0.2155, 0.2864
Android (android.graphics.Color)	4279269515 (0xFF10788B)
YUV	91.0700, 23.6295, -65.8364
Hunter-Lab	39.2520, -15.9833, -12.9885

Details

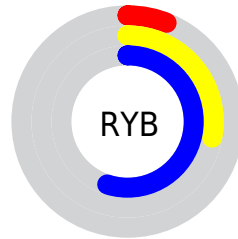
The Hex color **10788B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8B2310**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **57ADC1**, and **004759** is the 20% darker color. If you saturate the color by 10%, you get **02768B**, and if you desaturate by 10%, it is **1E7A8B**.

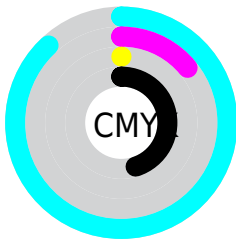
Distribution



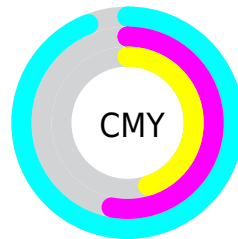
- Red (6%)
- Green (47%)
- Blue (55%)



- Red (6%)
- Yellow (28%)
- Blue (55%)



- Cyan (88%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (94%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10788B 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 10788B by changing the saturation by 10% instead.

 10788B

 10788B

FFFFFF

 005F72

 57ADC1

 004759

 74C8DC

 003042

 91E4F9

 001D2B

 ADFFFF

 000117

 CBFFFF

 000000

 E8FFFF

 10788B

 10788B

 02768B

 1E7A8B

■ 00768B

■ 2C7C8B

■ 3A7E8B

■ 48818B

■ 55838B

■ 63858B

■ 71878B

■ 7F898B

■ 8D8B8B

Harmonies

Analogous

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



1E7A76



10788B



357498

Triad

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



10788B



915E7C



736F40

Complementary

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



10788B



8B2310

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.



886743



10788B



9A5C65

Square

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



10788B



7C648F



966050



5A754B

Rectangle

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



10788B



4F6F9A



966050



7B6D40

Sweetspot

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



10788B



84ADB5



108B22



3E575C



DBDBDB



5C5C5C

Same Dimension

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



10788B



0099B5



103B8B



3E4445



007085



000405

Inverse Universe

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



8B1078



B50099



8B6010



453E44



850070



050004

Previews

White Background



This preview shows how the Hex color 10788B looks on a white background.

Color Contrast Check

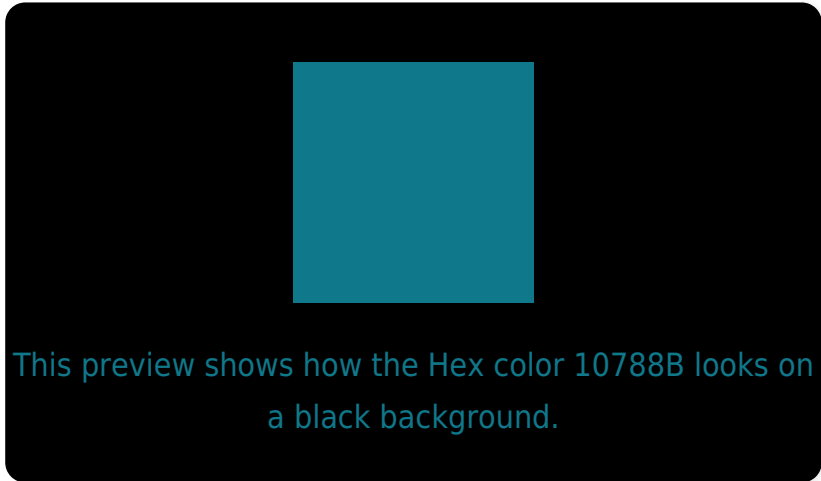
Large Text (above 18pt) WCAG AA ✓ Pass

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

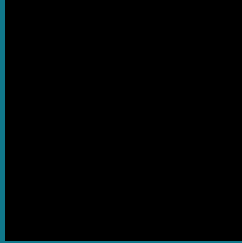
Any Text WCAG AA × Fail

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 10788B Background



This preview shows how black text looks on a background with the Hex color 10788B.

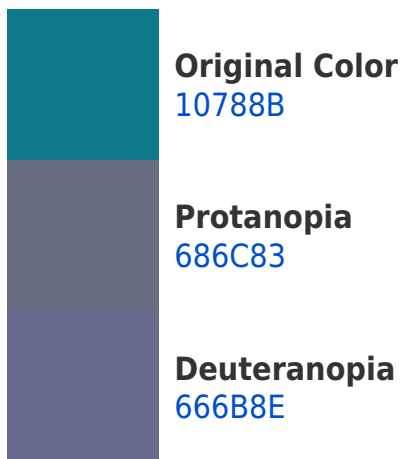


This preview shows how white text looks on a background with the Hex color 10788B.

Color Blindness Simulation

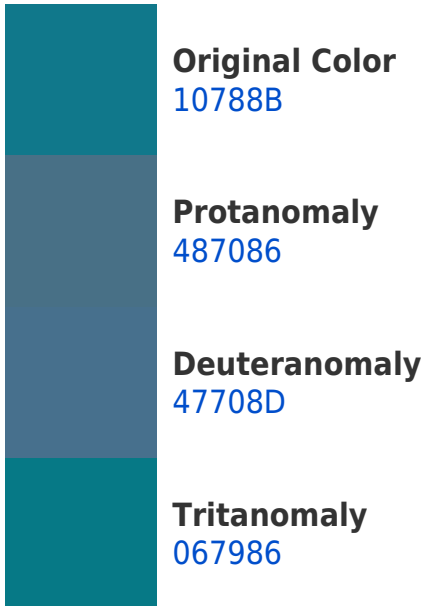
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 10788B 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 #10788B looks like.

```
.text, #text, p{  
    color:#10788B  
}
```

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 #10788B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10788B
}
```

Border

The CSS property to change the border of an element to Hex 10788B 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
#10788B }
```

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

```
.border{ border-color:#10788B }
```

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

Here you see how a box with a 4 pixel #10788B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10788B; -webkit-box-shadow:4px 4px  
4px 4px #10788B; box-shadow:4px 4px 4px  
4px #10788B }
```

Background

The CSS property to change the background color of an element to Hex 10788B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10788B }
```

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

```
.background{ background-color:#10788B }
```

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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