

Converting Colors

Hex(18907B)

Have a look what the booklet for
Hex(18907B) contains.

Hex(18907B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(18907B)

Conversions

Conversions Part 1

Format	Color
Hex	18907B
RGB	24, 144, 123
RGB Percent	9%, 56%, 48%
CMY	0.9059, 0.4353, 0.5176
CMYK	0.83, 0.00, 0.15, 0.44
HSL	170°, 71%, 33%
HSV	170°, 83%, 56%
XYZ	13.9251, 21.5708, 22.1685
YIQ	105.7260, -64.7790, -31.9710

Conversions

Conversions Part 2

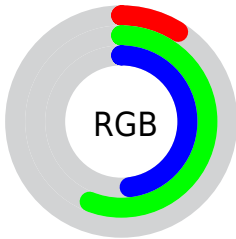
Format	Color
RYB	24, 90, 144
Decimal	1609851
CIELab	53.57, -36.28, 2.29
CIElCh	54, 36.350, 176.392
Yxy	21.5708, 0.2415, 0.3741
Android (android.graphics.Color)	4279799931 (0xFF18907B)
YUV	105.7260, 8.5161, -71.6737
Hunter-Lab	46.4443, -27.7591, 4.2111

Details

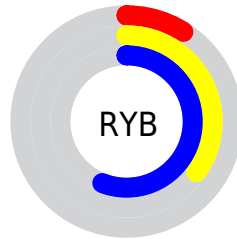
The Hex color **18907B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **90182D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5CC7AF**, and **005D4A** is the 20% darker color. If you saturate the color by 10%, you get **0A9078**, and if you desaturate by 10%, it is **26907E**.

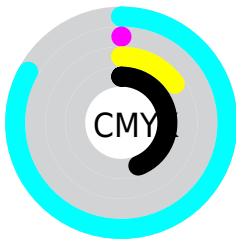
Distribution



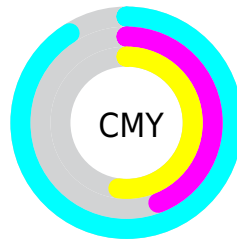
- Red (9%)
- Green (56%)
- Blue (48%)



- Red (9%)
- Yellow (35%)
- Blue (56%)



- Cyan (83%)
- Magenta (0%)
- Yellow (15%)
- Black (44%)



- Cyan (91%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18907B 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 18907B by changing the saturation by 10% instead.



18907B



18907B

FFFFFF



007662



5CC7AF



005D4A



79E3CB



004434



96FFE7



002D1F



B3FFFF



001507



D0FFFF



000000



EEFFFF



18907B



18907B



0A9078



26907E

■ 009077

■ 359080

■ 439083

■ 529085

■ 609088

■ 6E908A

■ 7D908D

■ 8B908F

■ 9A9092

Harmonies

Analogous

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



528D5C



18907B



00909B

Triad

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



18907B



7D79B8



AF724D

Complementary

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



18907B



90182D

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.



BB6966



18907B



A36EA3

Square

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



18907B



4584BE



B86785



977D40

Rectangle

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



18907B



008EAC



B86785



B46E54

Sweetspot

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



18907B



8CBAB2



2E9018



425E59



DEDEDE



5E5E5E

Same Dimension

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



18907B



00BA9A



186A90



404746



00876F



000806

Inverse Universe

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



90182D



BA0021



903E18



474042



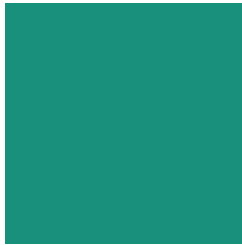
870018



080001

Previews

White Background



This preview shows how the Hex color 18907B looks on a white background.

Color Contrast Check

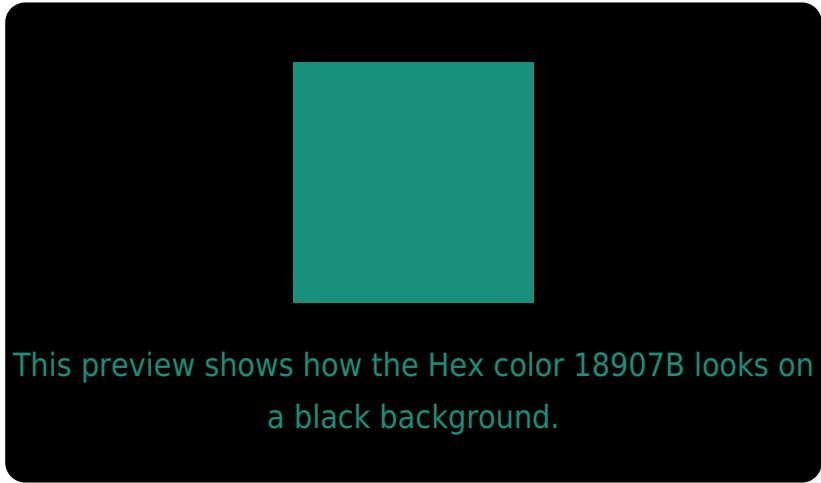
Large Text (above 18pt) WCAG AA ✓ Pass

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

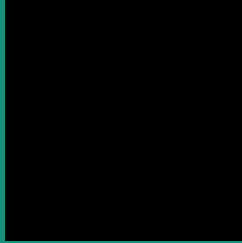
Any Text WCAG AA ✓ Pass

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 18907B Background



This preview shows how black text looks on a background with the Hex color 18907B.

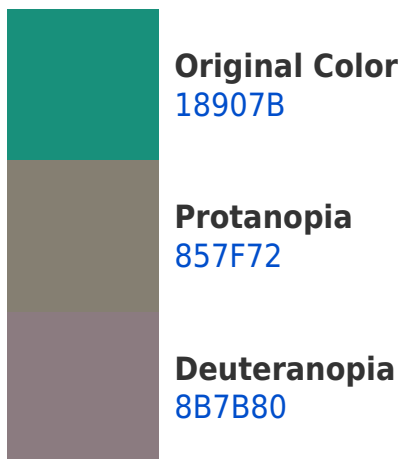


This preview shows how white text looks on a background with the Hex color 18907B.

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](#).

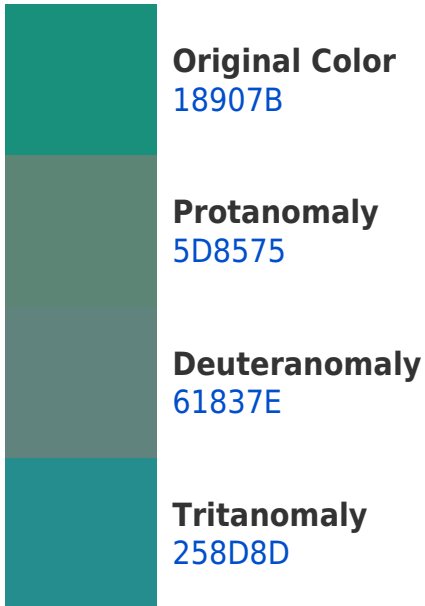
Dichromacy



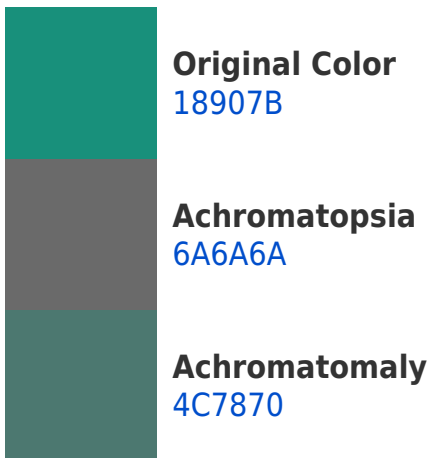


Tritanopia
2D8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 18907B 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 #18907B looks like.

```
.text, #text, p{  
    color:#18907B  
}
```

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 #18907B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18907B
}
```

Border

The CSS property to change the border of an element to Hex 18907B 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
#18907B }
```

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

```
.border{ border-color:#18907B }
```

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

Here you see how a box with a 4 pixel #18907B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18907B; -webkit-box-shadow:4px 4px  
4px 4px #18907B; box-shadow:4px 4px 4px  
4px #18907B }
```

Background

The CSS property to change the background color of an element to Hex 18907B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18907B }
```

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

```
.background{ background-color:#18907B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor