

Converting Colors

Hex(188779)

Have a look what the booklet for
Hex(188779) contains.

| | |
|--|----|
| Hex(188779) | 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(188779)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 188779 |
| RGB | 24, 135, 121 |
| RGB Percent | 9%, 53%, 47% |
| CMY | 0.9059, 0.4706, 0.5255 |
| CMYK | 0.82, 0.00, 0.10, 0.47 |
| HSL | 172°, 70%, 31% |
| HSV | 172°, 82%, 53% |
| XYZ | 12.4919, 18.9026, 21.0793 |
| YIQ | 100.2150, -61.6620, -27.8860 |

Conversions

Conversions Part 2

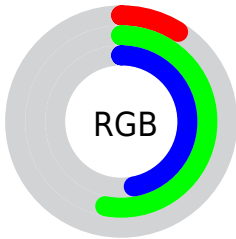
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 24, 83, 135 |
| Decimal | 1607545 |
| CIE _{Lab} | 50.57, -32.74, -0.92 |
| CIE _{LCh} | 51, 32.752, 181.606 |
| Yxy | 18.9026, 0.2381, 0.3602 |
| Android (android.graphics.Color) | 4279797625 (0xFF188779) |
| YUV | 100.2150, 10.2470, -66.8406 |
| Hunter-Lab | 43.4771, -24.7984, 1.6880 |

Details

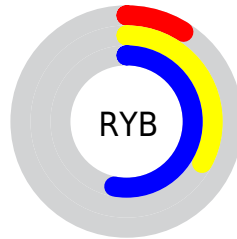
The Hex color **188779** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **871826**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5ABDAD**, and **005449** is the 20% darker color. If you saturate the color by 10%, you get **0B8777**, and if you desaturate by 10%, it is **26877B**.

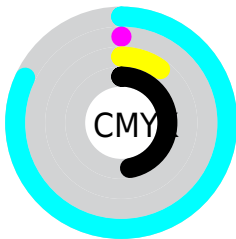
Distribution



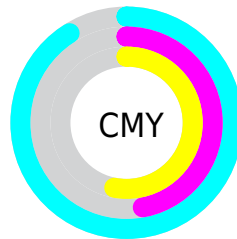
- Red (9%)
- Green (53%)
- Blue (47%)



- Red (9%)
- Yellow (33%)
- Blue (53%)



- Cyan (82%)
- Magenta (0%)
- Yellow (10%)
- Black (47%)



- Cyan (91%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 188779 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 188779 by changing the saturation by 10% instead.

 188779

 188779

FFFFFF

 006D60

 5ABDAD

 005449

 77D9C9

 003C32

 94F6E5

 00271D

 B0FFFF

 000404

 CDFFFF

 000000

 EBFFFF

 188779

 188779

 0B8777

 26877B

■ 008776

■ 33877C

■ 41877E

■ 4E8780

■ 5C8782

■ 698783

■ 778785

■ 848787

■ 928788

Harmonies

Analogous

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



49855D



188779



008695

Triad

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



188779



7D71A8



9F6D48

Complementary

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



188779



871826

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.



AD655D



188779



9D6793

Square

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



188779



507BB0



AC6278



897740

Rectangle

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



188779



0084A3



AC6278



A56A4E

Sweetspot

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



188779



84B0AA



278718



3E5956



D9D9D9



595959

Same Dimension

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



188779



02B09A



185E87



3C4241



008272



000302

Inverse Universe

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



871826



B00218



874118



423C3D



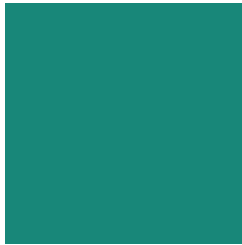
820010



030000

Previews

White Background



This preview shows how the Hex color 188779 looks on a white background.

Color Contrast Check

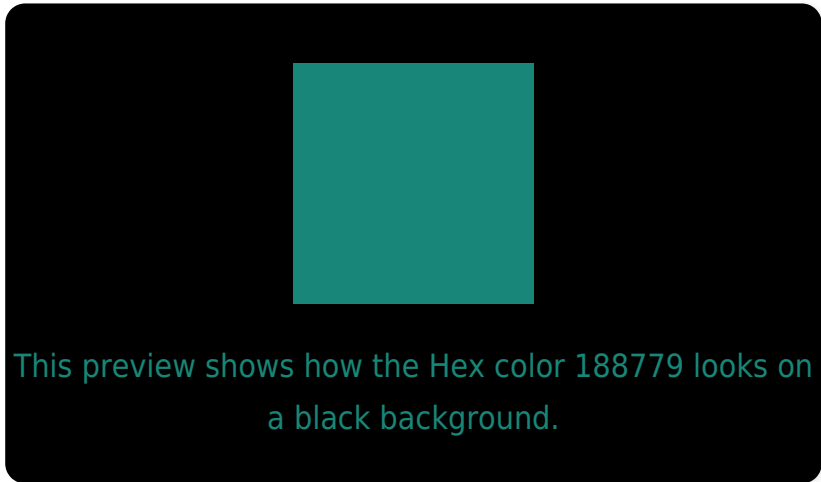
Large Text (above 18pt) WCAG AA ✓ Pass

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

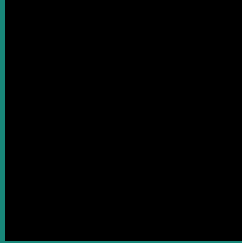
Any Text WCAG AA ✓ Pass

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 188779 Background



This preview shows how black text looks on a background with the Hex color 188779.

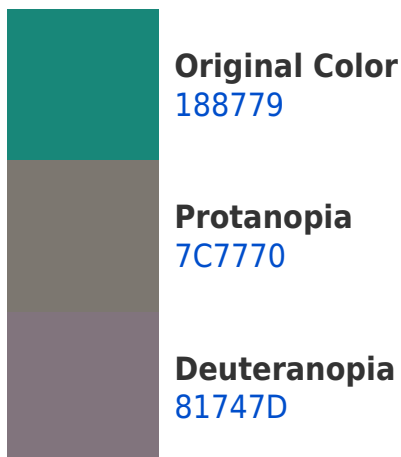


This preview shows how white text looks on a background with the Hex color 188779.

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
29848F

Trichromacy



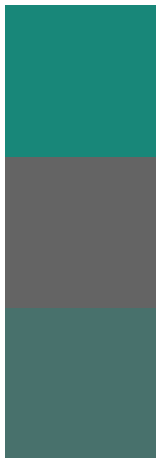
Original Color
188779

Protanomaly
587D73

Deuteranomaly
5B7B7C

Tritanomaly
238587

Monochromacy



Original Color
188779

Achromatopsia
646464

Achromatomaly
48716C

CSS Examples

Text

The CSS property to change the color of the text to Hex 188779 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 #188779 looks like.

```
.text, #text, p{  
    color:#188779  
}
```

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 #188779 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #188779
}
```

Border

The CSS property to change the border of an element to Hex 188779 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
#188779 }
```

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

```
.border{ border-color:#188779 }
```

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

Here you see how a box with a 4 pixel #188779 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #188779; -webkit-box-shadow:4px 4px  
4px 4px #188779; box-shadow:4px 4px 4px  
4px #188779 }
```

Background

The CSS property to change the background color of an element to Hex 188779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#188779 }
```

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

```
.background{ background-color:#188779 }
```

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