

Converting Colors

Hex(18795A)

Have a look what the booklet for
Hex(18795A) contains.

Hex(18795A)	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(18795A)

Conversions

Conversions Part 1

Format	Color
Hex	18795A
RGB	24, 121, 90
RGB Percent	9%, 47%, 35%
CMY	0.9059, 0.5255, 0.6471
CMYK	0.80, 0.00, 0.26, 0.53
HSL	161°, 67%, 28%
HSV	161°, 80%, 47%
XYZ	9.0595, 14.6071, 12.0148
YIQ	88.4630, -47.8610, -30.2050

Conversions

Conversions Part 2

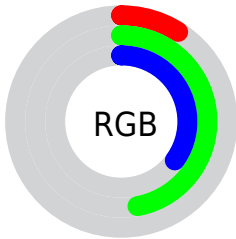
Format	Color
R_{YB}	24, 82, 121
Decimal	1603930
CIE _{Lab}	45.09, -34.93, 9.40
CIE _{LCh}	45, 36.170, 164.935
Yxy	14.6071, 0.2539, 0.4094
Android (android.graphics.Color)	4279794010 (0xFF18795A)
YUV	88.4630, 0.7577, -56.5341
Hunter-Lab	38.2193, -24.5719, 8.1147

Details

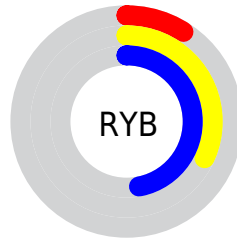
The Hex color **18795A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **791837**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **55AE8C**, and **00472C** is the 20% darker color. If you saturate the color by 10%, you get **0C7956**, and if you desaturate by 10%, it is **24795E**.

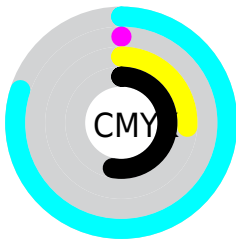
Distribution



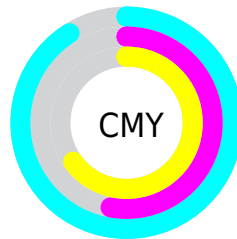
- Red (9%)
- Green (47%)
- Blue (35%)



- Red (9%)
- Yellow (32%)
- Blue (47%)



- Cyan (80%)
- Magenta (0%)
- Yellow (26%)
- Black (53%)



- Cyan (91%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18795A 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 18795A by changing the saturation by 10% instead.

 18795A

 18795A

FFFFFF

 006043

 55AE8C

 00472C

 71CAA6

 003018

 8DE6C2

 001A00

 A9FFDE

 000000

 C5FFFA

 E2FFFF

 18795A

 18795A

 0C7956

 24795E

■ 007952

■ 307962

■ 3C7966

■ 487969

■ 54796D

■ 617971

■ 6D7975

■ 797979

■ 85797D

Harmonies

Analogous

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



4C753E



18795A



007A79

Triad

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



18795A



5369A5



9D5941

Complementary

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



18795A



791837

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.



A4525D



18795A



805D96

Square

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



18795A



0072A5



9B537B



896430

Rectangle

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



18795A



00798C



9B537B



A1564A

Sweetspot

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



18795A



789E92



387918



384F48



CFCFCF



4F4F4F

Same Dimension

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



18795A



069E6E



186979



373D3B



007D55



00FCAC

Inverse Universe

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



791837



9E0637



792818



3D3739



7D0028



FC0051

Previews

White Background



This preview shows how the Hex color 18795A looks on a white background.

Color Contrast Check

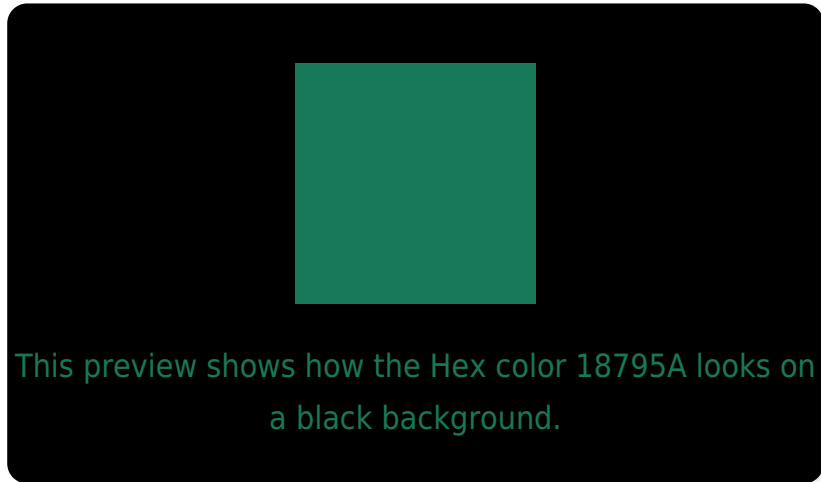
Large Text (above 18pt) WCAG AA ✓ Pass

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

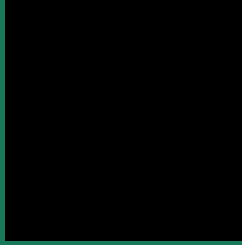
Any Text WCAG AA × Fail

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 18795A Background



This preview shows how black text looks on a background with the Hex color 18795A.

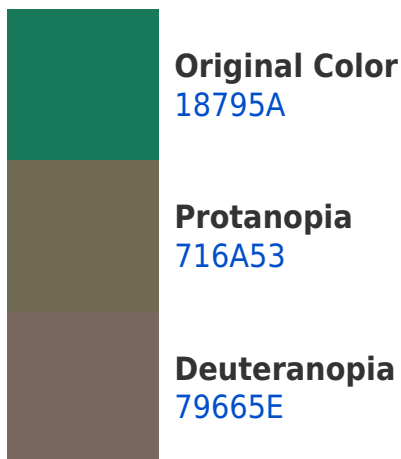


This preview shows how white text looks on a background with the Hex color 18795A.

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](#).

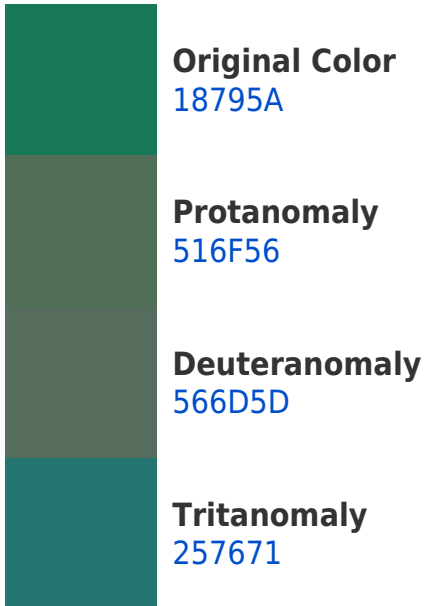
Dichromacy



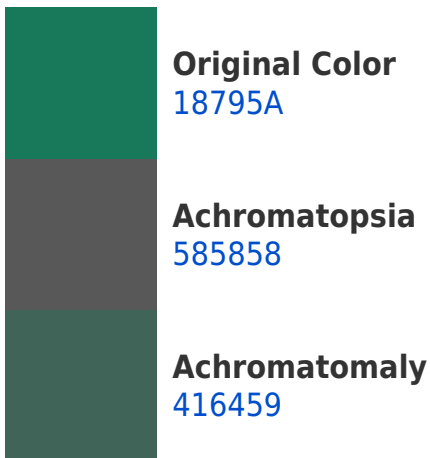


Tritanopia
2D747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 18795A 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 #18795A looks like.

```
.text, #text, p{  
    color:#18795A  
}
```

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 #18795A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18795A
}
```

Border

The CSS property to change the border of an element to Hex 18795A 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
#18795A }
```

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

```
.border{ border-color:#18795A }
```

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

Here you see how a box with a 4 pixel #18795A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18795A; -webkit-box-shadow:4px 4px  
4px 4px #18795A; box-shadow:4px 4px 4px  
4px #18795A }
```

Background

The CSS property to change the background color of an element to Hex 18795A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18795A }
```

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

```
.background{ background-color:#18795A }
```

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