

Converting Colors

Hex(18885F)

Have a look what the booklet for
Hex(18885F) contains.

Hex(18885F)	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(18885F)

Conversions

Conversions Part 1

Format	Color
Hex	18885F
RGB	24, 136, 95
RGB Percent	9%, 53%, 37%
CMY	0.9059, 0.4667, 0.6275
CMYK	0.82, 0.00, 0.30, 0.47
HSL	158°, 70%, 31%
HSV	158°, 82%, 53%
XYZ	11.2464, 18.6287, 13.8294
YIQ	97.8380, -53.5910, -36.4950

Conversions

Conversions Part 2

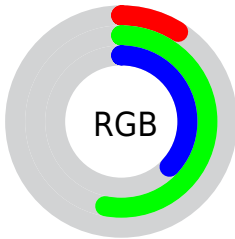
Format	Color
RYB	24, 93, 136
Decimal	1607775
CIELab	50.25, -40.09, 13.69
CIELCh	50, 42.365, 161.146
Yxy	18.6287, 0.2573, 0.4262
Android (android.graphics.Color)	4279797855 (0xFF18885F)
YUV	97.8380, -1.3991, -64.7559
Hunter-Lab	43.1610, -29.0203, 11.2153

Details

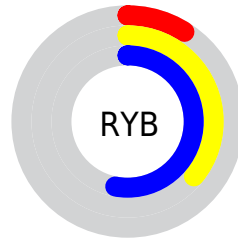
The Hex color **18885F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **881841**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **59BE92**, and **005531** is the 20% darker color. If you saturate the color by 10%, you get **0A885A**, and if you desaturate by 10%, it is **268864**.

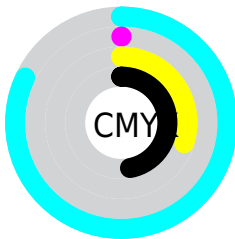
Distribution



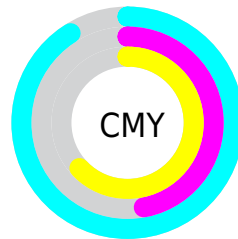
- Red (9%)
- Green (53%)
- Blue (37%)



- Red (9%)
- Yellow (36%)
- Blue (53%)



- Cyan (82%)
- Magenta (0%)
- Yellow (30%)
- Black (47%)



- Cyan (91%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18885F 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 18885F by changing the saturation by 10% instead.

 18885F

 18885F

FFFFFF

 006E47


 59BE92

 005531

 75DAAC

 003D1B

 92F7C8

 002802

 AEF FE4

 000200

 CBFFFF

 000000

 E9FFFF

 18885F

 18885F

 0A885A

 268864

■ 008856

■ 338869

■ 41886E

■ 4E8873

■ 5C8878

■ 6A887D

■ 778882

■ 858887

■ 92888C

Harmonies

Analogous

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



58833F



18885F



008A84

Triad

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



18885F



5177BE



B4604A

Complementary

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



18885F



881841

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.



BB586B



18885F



8C69AE

Square

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



18885F



0082BB



AE5C90



9F6D32

Rectangle

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



18885F



00899C



AE5C90



B85D54

Sweetspot

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



18885F



84B0A0



418818



3E594F



D9D9D9



595959

Same Dimension

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



18885F



02B070



187988



3E4542



008554



000503

Inverse Universe

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



881841



B00242



882718



453E40



850031



050002

Previews

White Background



This preview shows how the Hex color 18885F looks on a white background.

Color Contrast Check

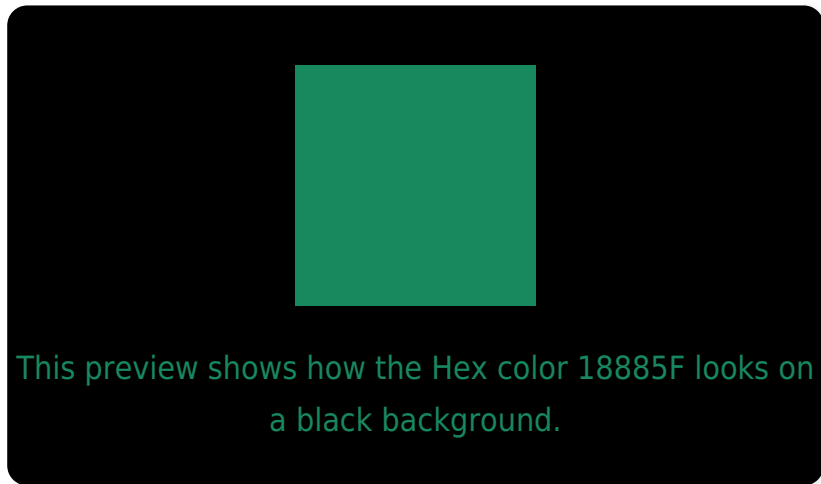
Large Text (above 18pt) WCAG AA ✓ Pass

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

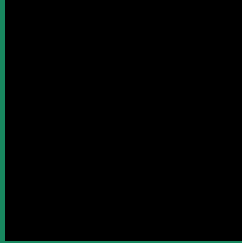
Any Text WCAG AA ✓ Pass

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 18885F Background



This preview shows how black text looks on a background with the Hex color 18885F.

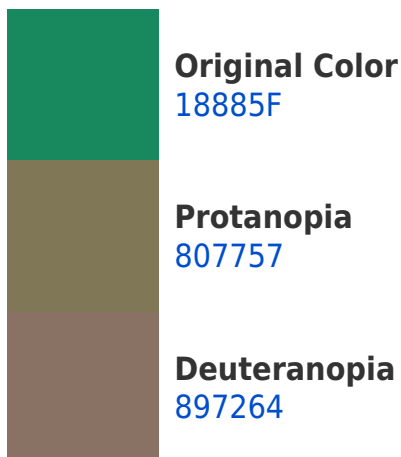



This preview shows how white text looks on a background with the Hex color 18885F.

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
33828D

Trichromacy



Original Color
18885F



Protanomaly
5A7D5A



Deuteranomaly
607A62



Tritanomaly
29847C

Monochromacy



Original Color
18885F



Achromatopsia
626262



Achromatomaly
477061

CSS Examples

Text

The CSS property to change the color of the text to Hex 18885F 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 #18885F looks like.

```
.text, #text, p{  
    color:#18885F  
}
```

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 #18885F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18885F
}
```

Border

The CSS property to change the border of an element to Hex 18885F 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
#18885F }
```

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

```
.border{ border-color:#18885F }
```

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

Here you see how a box with a 4 pixel #18885F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18885F; -webkit-box-shadow:4px 4px  
4px 4px #18885F; box-shadow:4px 4px 4px  
4px #18885F }
```

Background

The CSS property to change the background color of an element to Hex 18885F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18885F }
```

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

```
.background{ background-color:#18885F }
```

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