

Converting Colors

Hex(18C68F)

Have a look what the booklet for
Hex(18C68F) contains.

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Color

Hex(18C68F)

Conversions

Conversions Part 1

Format	Color
Hex	18C68F
RGB	24, 198, 143
RGB Percent	9%, 78%, 56%
CMY	0.9059, 0.2235, 0.4392
CMYK	0.88, 0.00, 0.28, 0.22
HSL	161°, 78%, 44%
HSV	161°, 88%, 78%
XYZ	25.5287, 42.5655, 32.8571
YIQ	139.7040, -86.0490, -53.9930

Conversions

Conversions Part 2

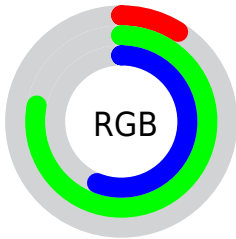
Format	Color
R_{YB}	24, 127, 198
Decimal	1623695
CIE _{Lab}	71.26, -53.51, 16.30
CIE _{LCh}	71, 55.942, 163.062
Yxy	42.5655, 0.2529, 0.4216
Android (android.graphics.Color)	4279813775 (0xFF18C68F)
YUV	139.7040, 1.6249, -101.4724
Hunter-Lab	65.2423, -44.3285, 15.8102

Details

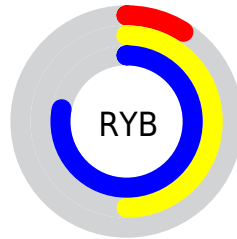
The Hex color **18C68F** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C6184F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6AFFC5**, and **008F5D** is the 20% darker color. If you saturate the color by 10%, you get **04C689**, and if you desaturate by 10%, it is **2CC695**.

Distribution



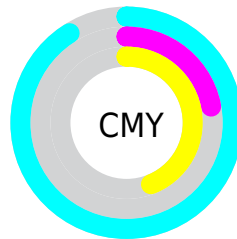
- Red (9%)
- Green (78%)
- Blue (56%)



- Red (9%)
- Yellow (50%)
- Blue (78%)



- Cyan (88%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)



- Cyan (91%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18C68F 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 18C68F by changing the saturation by 10% instead.

 18C68F

 18C68F

FFFFFF

 00AA75

 6AFFC5

 008F5D

 89FFE1

 007445

 A8FFFE

 005B2E

 C6FFFF

 004219

 E5FFFF

 002B00

 000900

 000000

 18C68F

 18C68F

■ 04C689

■ 2CC695

■ 00C687

■ 40C69C

■ 53C6A2

■ 67C6A8

■ 7BC6AE

■ 8FC6B5

■ A3C6BB

■ B6C6C1

■ CAC6C7

Harmonies

Analogous

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



7EBF61



18C68F



00C8C4

Triad

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



18C68F



7EACFF



FF8E6B

Complementary

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



18C68F



C6184F

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.



FF829A



18C68F



CF98F9

Square

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



18C68F



00BCFF



FD87CD



E4A14B

Rectangle

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



18C68F



00C7E5



FD87CD



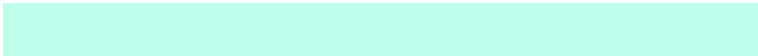
FF897A

Sweetspot

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



18C68F



BDFFEA



4FC618



588073



000000



808080

Same Dimension

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



18C68F



00FFAE



18A6C6



5A6360



00A370



002418

Inverse Universe

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



C6184F



FF0051



C63818



635A5D



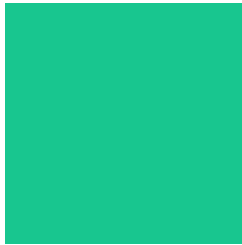
A30034



24000B

Previews

White Background



This preview shows how the Hex color 18C68F looks on a white background.

Color Contrast Check

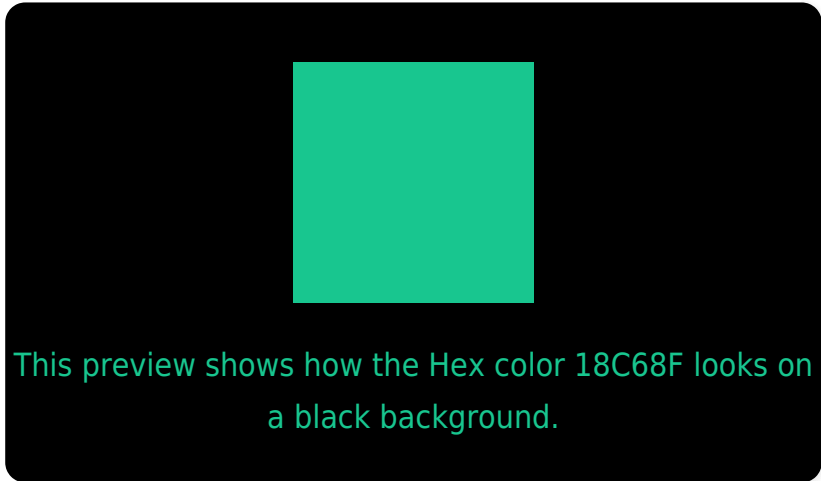
Large Text (above 18pt) WCAG AA × Fail

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

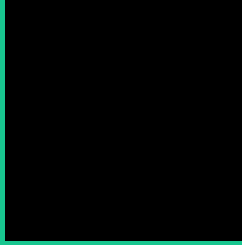
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 18C68F Background



This preview shows how black text looks on a background with the Hex color 18C68F.

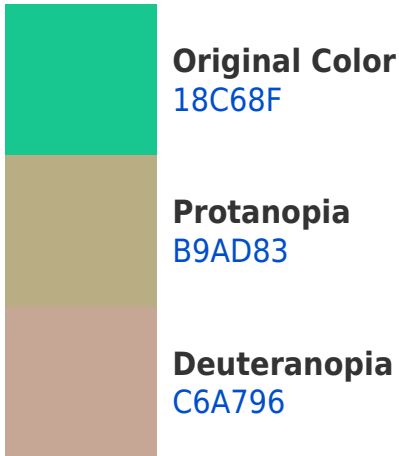


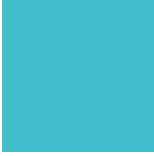
This preview shows how white text looks on a background with the Hex color 18C68F.

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
44BECD

Trichromacy



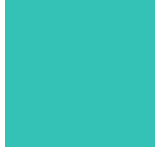
Original Color
18C68F



Protanomaly
7EB687



Deuteranomaly
87B293



Tritanomaly
34C1B6

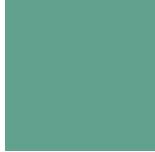
Monochromacy



Original Color
18C68F



Achromatopsia
8C8C8C



Achromatomaly
62A18D

CSS Examples

Text

The CSS property to change the color of the text to Hex 18C68F 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 #18C68F looks like.

```
.text, #text, p{  
    color:#18C68F  
}
```

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 #18C68F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18C68F
}
```

Border

The CSS property to change the border of an element to Hex 18C68F 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
#18C68F }
```

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

```
.border{ border-color:#18C68F }
```

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

Here you see how a box with a 4 pixel #18C68F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18C68F; -webkit-box-shadow:4px 4px  
4px 4px #18C68F; box-shadow:4px 4px 4px  
4px #18C68F }
```

Background

The CSS property to change the background color of an element to Hex 18C68F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18C68F }
```

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

```
.background{ background-color:#18C68F }
```

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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