

Converting Colors

Hex(18B699)

Have a look what the booklet for
Hex(18B699) contains.

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Color

Hex(18B699)

Conversions

Conversions Part 1

Format	Color
Hex	18B699
RGB	24, 182, 153
RGB Percent	9%, 71%, 60%
CMY	0.9059, 0.2863, 0.4000
CMYK	0.87, 0.00, 0.16, 0.29
HSL	169°, 77%, 40%
HSV	169°, 87%, 71%
XYZ	22.8544, 35.9500, 35.8715
YIQ	131.4520, -84.8590, -42.5150

Conversions

Conversions Part 2

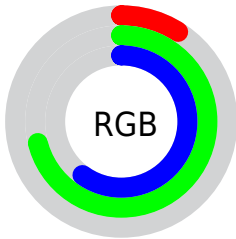
Format	Color
RYB	24, 111, 182
Decimal	1619609
CIELab	66.48, -44.61, 4.08
CIElCh	66, 44.792, 174.776
Yxy	35.9500, 0.2414, 0.3797
Android (android.graphics.Color)	4279809689 (0xFF18B699)
YUV	131.4520, 10.6232, -94.2354
Hunter-Lab	59.9583, -36.8879, 6.4992

Details

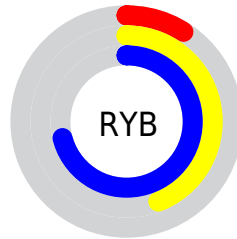
The Hex color **18B699** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B61835**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **67EFCF**, and **008066** is the 20% darker color. If you saturate the color by 10%, you get **06B696**, and if you desaturate by 10%, it is **2AB69C**.

Distribution



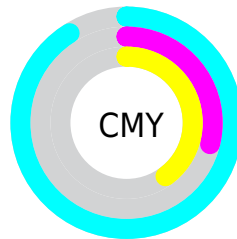
- Red (9%)
- Green (71%)
- Blue (60%)



- Red (9%)
- Yellow (44%)
- Blue (71%)



- Cyan (87%)
- Magenta (0%)
- Yellow (16%)
- Black (29%)



- Cyan (91%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18B699 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 18B699 by changing the saturation by 10% instead.

 18B699

 18B699

FFFFFF

 009B7F

 67EFCF

 008066

 85FFEB

 00664E

 A4FFFF

 004D37

 C2FFFF

 003522

 E0FFFF

 001F0C

 000000

 18B699

 18B699

 06B696

 2AB69C

00B695

3CB6A0

4FB6A3

61B6A6

73B6AA

85B6AD

97B6B0

AAB6B4

BCB6B7

Harmonies

Analogous

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



68B272



18B699



00B6C2

Triad

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



18B699



9A9AEB



DE8E61

Complementary

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



18B699



B61835

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.



EE8382



18B699



CD8BD1

Square

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



18B699



4DA8F1



E981AA



C09D50

Rectangle

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



18B699



00B4D9



E981AA



E58A6B

Sweetspot

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



18B699



AFEDE2



38B618



537871



F7F7F7



787878

Same Dimension

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



18B699



00EDC2



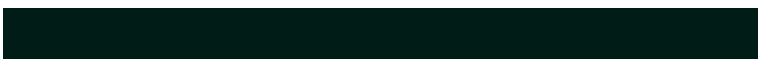
1887B6



535C5A



009C7F



001C17

Inverse Universe

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



B61835



ED002C



B64718



5C5354



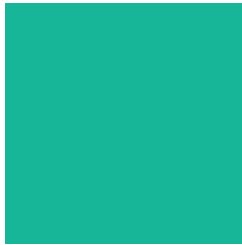
9C001D



1C0005

Previews

White Background



This preview shows how the Hex color 18B699 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



This preview shows how the Hex color 18B699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

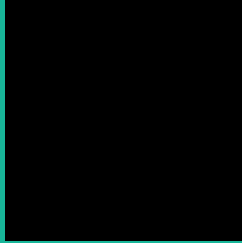
Any Text WCAG AA ✓ Pass

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 18B699 Background



This preview shows how black text looks on a background with the Hex color 18B699.

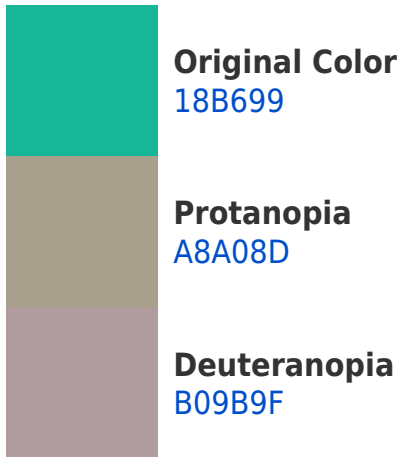


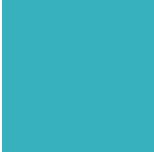
This preview shows how white text looks on a background with the Hex color 18B699.

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
38B1BF

Trichromacy



Original Color
18B699



Protanomaly
74A891



Deuteranomaly
79A59D



Tritanomaly
2CB3B1

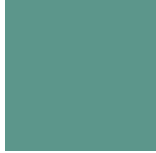
Monochromacy



Original Color
18B699



Achromatopsia
838383



Achromatomaly
5C968B

CSS Examples

Text

The CSS property to change the color of the text to Hex 18B699 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 #18B699 looks like.

```
.text, #text, p{  
    color:#18B699  
}
```

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 #18B699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18B699
}
```

Border

The CSS property to change the border of an element to Hex 18B699 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
#18B699 }
```

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

```
.border{ border-color:#18B699 }
```

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

Here you see how a box with a 4 pixel #18B699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18B699; -webkit-box-shadow:4px 4px  
4px 4px #18B699; box-shadow:4px 4px 4px  
4px #18B699 }
```

Background

The CSS property to change the background color of an element to Hex 18B699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18B699 }
```

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

```
.background{ background-color:#18B699 }
```

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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