

Converting Colors

Hex(18B679)

Have a look what the booklet for
Hex(18B679) contains.

Hex(18B679)	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(18B679)

Conversions

Conversions Part 1

Format	Color
Hex	18B679
RGB	24, 182, 121
RGB Percent	9%, 71%, 47%
CMY	0.9059, 0.2863, 0.5255
CMYK	0.87, 0.00, 0.34, 0.29
HSL	157°, 77%, 40%
HSV	157°, 87%, 71%
XYZ	20.5558, 35.0306, 23.7673
YIQ	127.8040, -74.5870, -52.4670

Conversions

Conversions Part 2

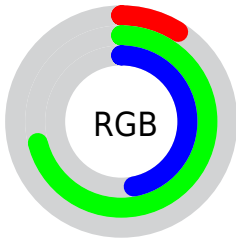
Format	Color
RYB	24, 122, 182
Decimal	1619577
CIELab	65.77, -52.34, 20.57
CIELCh	66, 56.238, 158.550
Yxy	35.0306, 0.2590, 0.4414
Android (android.graphics.Color)	4279809657 (0xFF18B679)
YUV	127.8040, -3.3544, -91.0361
Hunter-Lab	59.1866, -41.5826, 17.6218

Details

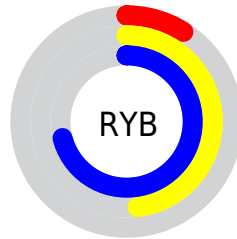
The Hex color **18B679** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B61855**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **65EFAE**, and **008048** is the 20% darker color. If you saturate the color by 10%, you get **06B672**, and if you desaturate by 10%, it is **2AB680**.

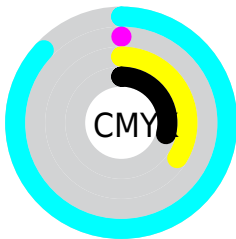
Distribution



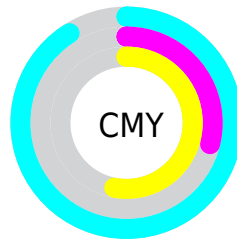
- Red (9%)
- Green (71%)
- Blue (47%)



- Red (9%)
- Yellow (48%)
- Blue (71%)



- Cyan (87%)
- Magenta (0%)
- Yellow (34%)
- Black (29%)



- Cyan (91%)
- Magenta (29%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18B679 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 18B679 by changing the saturation by 10% instead.

 18B679

 18B679


FFFFFF

 009A60

 65EFAE

 008048

 84FFC9

 006631

 A2FFE5

 004C1B

 C0FFFF

 003503

 DEFFFF

 001D00

 FCFFFF

 000000

 18B679

 18B679

 06B672

 2AB680

 00B670

 3CB687

 4FB68E

 61B695

 73B69C

 85B6A3

 97B6AA

 AAB6B1

 BCB6B8

Harmonies

Analogous

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



78AF4D



18B679



00B9AD

Triad

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



18B679



5BA0FF



F57D63

Complementary

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



18B679



B61855

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.



FC7293



18B679



B68CEF

Square

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



18B679



00AFFD



E879C6



D99040

Rectangle

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



18B679



00B8CF



E879C6



FA7872

Sweetspot

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



18B679



AFEDD5



57B618



53786A



F7F7F7



787878

Same Dimension

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



18B679



00ED92



18A6B6



535C58



009C5F



001C11

Inverse Universe

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



B61855



ED005C



B62818



5C5356



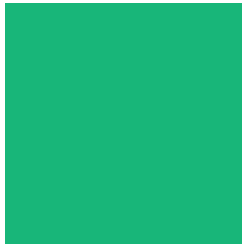
9C003C



1C000B

Previews

White Background



This preview shows how the Hex color 18B679 looks on a white background.

Color Contrast Check

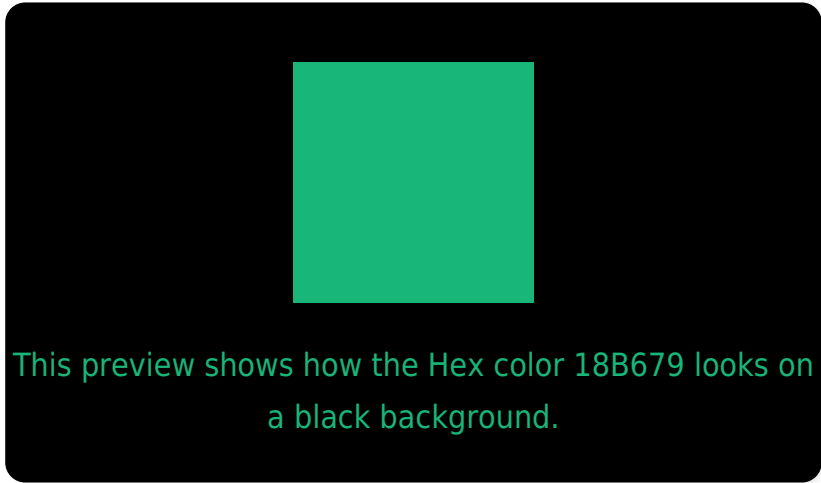
Large Text (above 18pt) WCAG AA × Fail

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

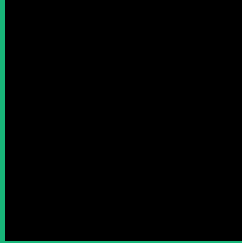
Any Text WCAG AA ✓ Pass

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 18B679 Background



This preview shows how black text looks on a background with the Hex color 18B679.



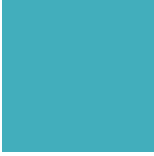
This preview shows how white text looks on a background with the Hex color 18B679.

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
42AEBC

Trichromacy



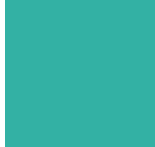
Original Color
18B679



Protanomaly
76A773



Deuteranomaly
7EA37D



Tritanomaly
33B1A4

Monochromacy



Original Color
18B679



Achromatopsia
808080



Achromatomaly
5A947D

CSS Examples

Text

The CSS property to change the color of the text to Hex 18B679 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 #18B679 looks like.

```
.text, #text, p{  
    color:#18B679  
}
```

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 #18B679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18B679
}
```

Border

The CSS property to change the border of an element to Hex 18B679 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
#18B679 }
```

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

```
.border{ border-color:#18B679 }
```

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

Here you see how a box with a 4 pixel #18B679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18B679; -webkit-box-shadow:4px 4px  
4px 4px #18B679; box-shadow:4px 4px 4px  
4px #18B679 }
```

Background

The CSS property to change the background color of an element to Hex 18B679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18B679 }
```

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

```
.background{ background-color:#18B679 }
```

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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