

Converting Colors

Hex(18B97B)

Have a look what the booklet for
Hex(18B97B) contains.

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Color

Hex(18B97B)

Conversions

Conversions Part 1

Format	Color
Hex	18B97B
RGB	24, 185, 123
RGB Percent	9%, 73%, 48%
CMY	0.9059, 0.2745, 0.5176
CMYK	0.87, 0.00, 0.34, 0.27
HSL	157°, 77%, 41%
HSV	157°, 87%, 73%
XYZ	21.3008, 36.3222, 24.6271
YIQ	129.7930, -76.0540, -53.4140

Conversions

Conversions Part 2

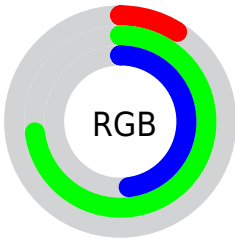
Format	Color
RYB	24, 124, 185
Decimal	1620347
CIELab	66.77, -53.04, 20.84
CIELCh	67, 56.988, 158.547
Yxy	36.3222, 0.2590, 0.4416
Android (android.graphics.Color)	4279810427 (0xFF18B97B)
YUV	129.7930, -3.3489, -92.7805
Hunter-Lab	60.2679, -42.3806, 17.9600

Details

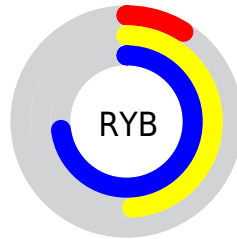
The Hex color **18B97B** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B91856**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **66F2B0**, and **00834A** is the 20% darker color. If you saturate the color by 10%, you get **05B974**, and if you desaturate by 10%, it is **2BB982**.

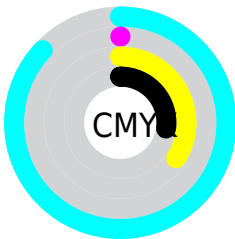
Distribution



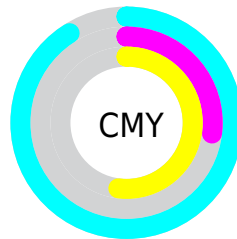
- Red (9%)
- Green (73%)
- Blue (48%)



- Red (9%)
- Yellow (49%)
- Blue (73%)



- Cyan (87%)
- Magenta (0%)
- Yellow (34%)
- Black (27%)



- Cyan (91%)
- Magenta (27%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18B97B 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 18B97B by changing the saturation by 10% instead.

 18B97B

 18B97B

FFFFFF

 009D62

 66F2B0

 00834A

 85FFCB

 006833

 A3FFE8

 004F1D

 C1FFFF

 003705

 DFFFFFF

 001F00

FEFFFF

 000000

 18B97B

 18B97B

 05B974

 2BB982

■ 00B972

■ 3DB989

■ 4FB990

■ 62B997

■ 75B99F

■ 87B9A6

■ 9AB9AD

■ ACB9B4

■ BEB9BB

Harmonies

Analogous

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



7AB24E



18B97B



00BCB0

Triad

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



18B97B



5CA3FF



F97F65

Complementary

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



18B97B



B91856

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.



FF7496



18B97B



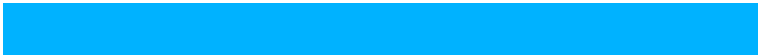
B98FF3

Square

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



18B97B



00B2FF



EC7BC9



DC9241

Rectangle

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



18B97B



00BBD2



EC7BC9



FF7A74

Sweetspot

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



18B97B



B1F0D8



58B918



53786A



F7F7F7



787878

Same Dimension

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



18B97B



00F093



18A9B9



535C58



009C60



001C11

Inverse Universe

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



B91856



F0005C



B92818



5C5356



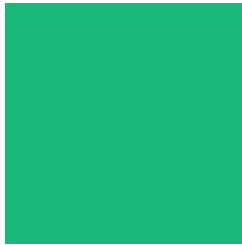
9C003C



1C000B

Previews

White Background



This preview shows how the Hex color 18B97B looks on a white background.

Color Contrast Check

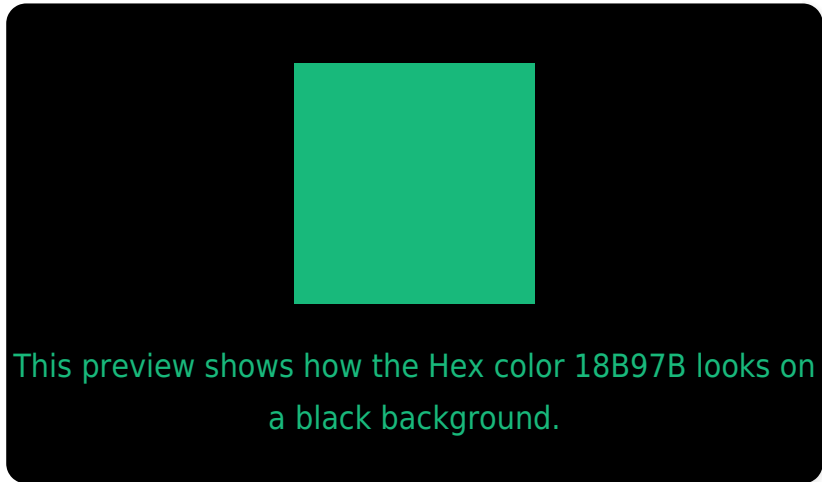
Large Text (above 18pt) WCAG AA × Fail

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

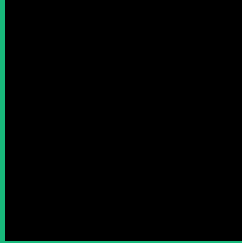
Any Text WCAG AA ✓ Pass

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 18B97B Background



This preview shows how black text looks on a background with the Hex color 18B97B.



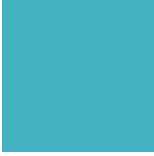
This preview shows how white text looks on a background with the Hex color 18B97B.

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
43B1BF

Trichromacy



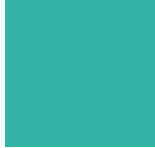
Original Color
18B97B



Protanomaly
77AA75



Deuteranomaly
80A67F



Tritanomaly
33B4A6

Monochromacy



Original Color
18B97B



Achromatopsia
828282



Achromatomaly
5B967F

CSS Examples

Text

The CSS property to change the color of the text to Hex 18B97B 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 #18B97B looks like.

```
.text, #text, p{  
    color:#18B97B  
}
```

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 #18B97B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18B97B
}
```

Border

The CSS property to change the border of an element to Hex 18B97B 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
#18B97B }
```

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

```
.border{ border-color:#18B97B }
```

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

Here you see how a box with a 4 pixel #18B97B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18B97B; -webkit-box-shadow:4px 4px  
4px 4px #18B97B; box-shadow:4px 4px 4px  
4px #18B97B }
```

Background

The CSS property to change the background color of an element to Hex 18B97B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18B97B }
```

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

```
.background{ background-color:#18B97B }
```

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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