

Converting Colors

Hex(18BA85)

Have a look what the booklet for
Hex(18BA85) contains.

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Color

Hex(18BA85)

Conversions

Conversions Part 1

Format	Color
Hex	18BA85
RGB	24, 186, 133
RGB Percent	9%, 73%, 52%
CMY	0.9059, 0.2706, 0.4784
CMYK	0.87, 0.00, 0.28, 0.27
HSL	160°, 77%, 41%
HSV	160°, 87%, 73%
XYZ	22.1692, 37.0055, 28.1646
YIQ	131.5200, -79.5390, -50.8270

Conversions

Conversions Part 2

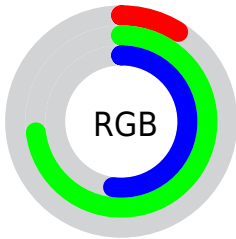
Format	Color
RYB	24, 121, 186
Decimal	1620613
CIELab	67.28, -51.19, 16.16
CIELCh	67, 53.679, 162.484
Yxy	37.0055, 0.2538, 0.4237
Android (android.graphics.Color)	4279810693 (0xFF18BA85)
YUV	131.5200, 0.7296, -94.2950
Hunter-Lab	60.8321, -41.4049, 15.1318

Details

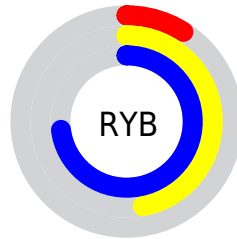
The Hex color **18BA85** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BA184D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **66F3BA**, and **008453** is the 20% darker color. If you saturate the color by 10%, you get **05BA7F**, and if you desaturate by 10%, it is **2BBA8B**.

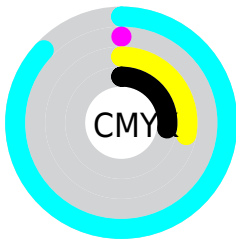
Distribution



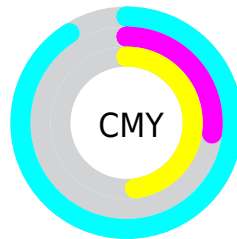
- Red (9%)
- Green (73%)
- Blue (52%)



- Red (9%)
- Yellow (47%)
- Blue (73%)



- Cyan (87%)
- Magenta (0%)
- Yellow (28%)
- Black (27%)



- Cyan (91%)
- Magenta (27%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18BA85 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 18BA85 by changing the saturation by 10% instead.

 18BA85

 18BA85

FFFFFF

 009E6C

 66F3BA

 008453

 85FFD6

 00693C

 A4FFF2

 005026

 C2FFFF

 003811

 E0FFFF

 002100

 000000

 18BA85

 18BA85

 05BA7F

 2BBA8B

00BA7D

3DBA91

50BA97

62BA9D

75BAA3

88BAAA

9ABAB0

ADBAB6

BFBABC

Harmonies

Analogous

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



77B359



18BA85



00BCB7

Triad

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



18BA85



74A2FF



F48565

Complementary

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



18BA85



BA184D

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.



FE7A91



18BA85



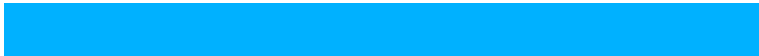
C18FEC

Square

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



18BA85



00B1FF



EE7EC2



D79745

Rectangle

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



18BA85



00BBD6



EE7EC2



FA8073

Sweetspot

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



18BA85



B3F2DE



4EBA18



547A6E



FAFAFA



7A7A7A

Same Dimension

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



18BA85



00F2A3



189FBA



535C59



009C69



001C13

Inverse Universe

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



BA184D



F2004F



BA3318



5C5356



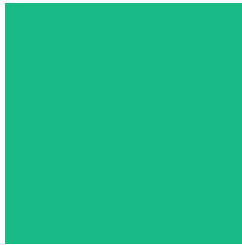
9C0033



1C0009

Previews

White Background



This preview shows how the Hex color 18BA85 looks on a white background.

Color Contrast Check

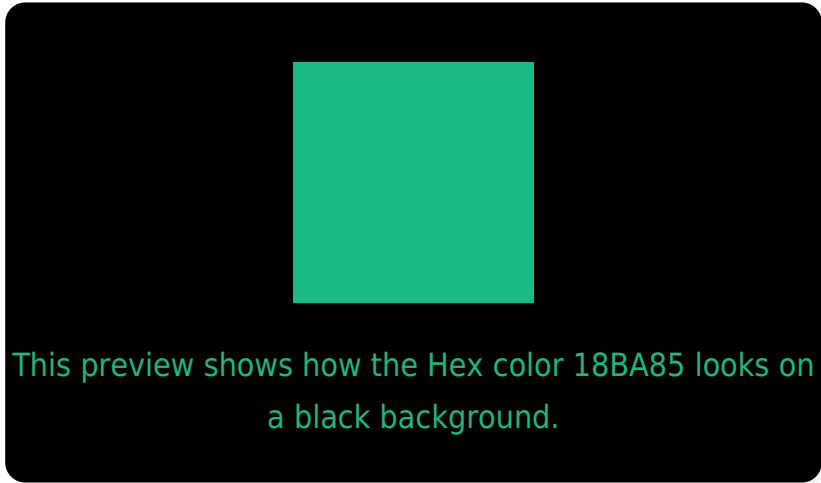
Large Text (above 18pt) WCAG AA × Fail

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

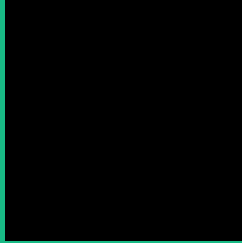
Any Text WCAG AA ✓ Pass

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 18BA85 Background



This preview shows how black text looks on a background with the Hex color 18BA85.

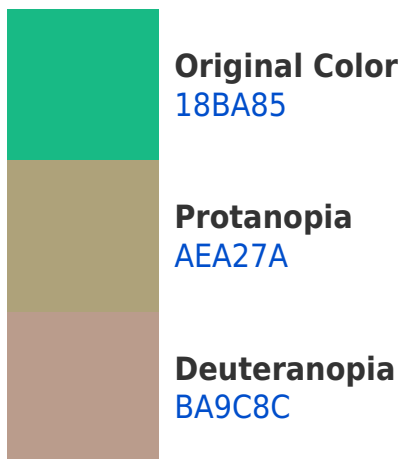


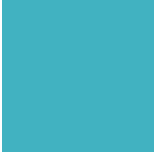
This preview shows how white text looks on a background with the Hex color 18BA85.

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](#).

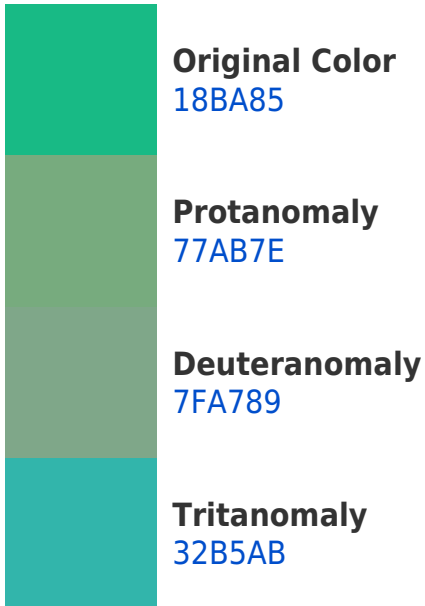
Dichromacy





Tritanopia
41B2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 18BA85 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 #18BA85 looks like.

```
.text, #text, p{  
    color:#18BA85  
}
```

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 #18BA85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18BA85
}
```

Border

The CSS property to change the border of an element to Hex 18BA85 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
#18BA85 }
```

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

```
.border{ border-color:#18BA85 }
```

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

Here you see how a box with a 4 pixel #18BA85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18BA85; -webkit-box-shadow:4px 4px  
4px 4px #18BA85; box-shadow:4px 4px 4px  
4px #18BA85 }
```

Background

The CSS property to change the background color of an element to Hex 18BA85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18BA85 }
```

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

```
.background{ background-color:#18BA85 }
```

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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