

# Converting Colors

Hex(18AC82)

Have a look what the booklet for  
Hex(18AC82) contains.

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# Color

Hex(18AC82)

# Conversions

## Conversions Part 1

Format	Color
Hex	18AC82
RGB	24, 172, 130
RGB Percent	9%, 67%, 51%
CMY	0.9059, 0.3255, 0.4902
CMYK	0.86, 0.00, 0.24, 0.33
HSL	163°, 76%, 38%
HSV	163°, 86%, 67%
XYZ	19.1585, 31.3109, 26.1530
YIQ	122.9600, -74.7260, -44.4380

# Conversions

## Conversions Part 2

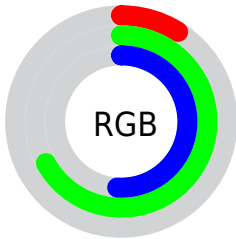
Format	Color
<a href="#">RYB</a>	<a href="#">24, 110, 172</a>
Decimal	<a href="#">1617026</a>
CIELab	<a href="#">62.77, -46.36, 11.49</a>
CIELCh	<a href="#">63, 47.760, 166.084</a>
Yxy	<a href="#">31.3109, 0.2500, 0.4086</a>
Android (android.graphics.Color)	<a href="#">4279807106 (0xFF18AC82)</a>
YUV	<a href="#">122.9600, 3.4707, -86.7879</a>
Hunter-Lab	<a href="#">55.9562, -36.8079, 11.4582</a>

# Details

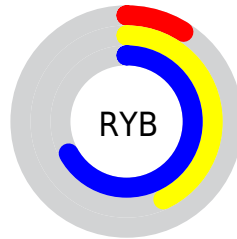
The Hex color **18AC82** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AC1842**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **63E4B7**, and **007651** is the 20% darker color. If you saturate the color by 10%, you get **07AC7D**, and if you desaturate by 10%, it is **29AC87**.

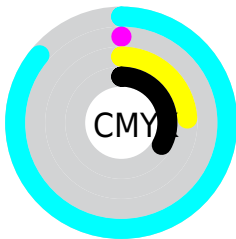
# Distribution



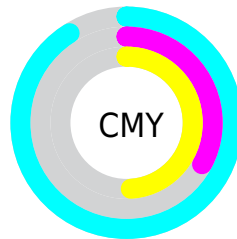
- Red (9%)
- Green (67%)
- Blue (51%)



- Red (9%)
- Yellow (43%)
- Blue (67%)



- Cyan (86%)
- Magenta (0%)
- Yellow (24%)
- Black (33%)



- Cyan (91%)
- Magenta (33%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18AC82 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 18AC82 by changing the saturation by 10% instead.



 18AC82

 18AC82

FFFFFF

 009169

 63E4B7

 007651

 81FFD3

 005D3A

 9FFFEF

 004424

 BDFFFF

 002E0F

 DBFFFF

 001100

 F9FFFF

 000000

 18AC82

 18AC82

 07AC7D

 29AC87

■ 00AC7B

■ 3AAC8C

■ 4CAC91

■ 5DAC96

■ 6EAC9A

■ 7FAC9F

■ 90ACA4

■ A2ACA9

■ B3ACAE

# Harmonies

## Analogous

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



6AA75B



18AC82



00ADAE

# Triad

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



18AC82



7A94E9



DD7F5C

# Complementary

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



18AC82



AC1842

# 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.



E87483



18AC82



B884D3

# Square

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



18AC82



00A2EA



DC76AD



C18F44

# Rectangle

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



18AC82



00ACC9



DC76AD



E37A68



# Sweetspot

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



18AC82



A6E0D0



44AC18



4D7066



F0F0F0



707070



# Same Dimension

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



18AC82



00E0A1



188EAC



4E5754



00966C



001710



# Inverse Universe

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



AC1842



E00040



AC3618



574E50



96002B

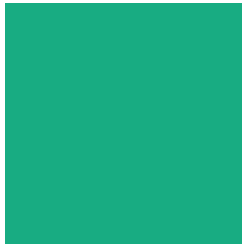


170007



# Previews

## White Background



This preview shows how the Hex color 18AC82 looks on a white background.

## Color Contrast Check

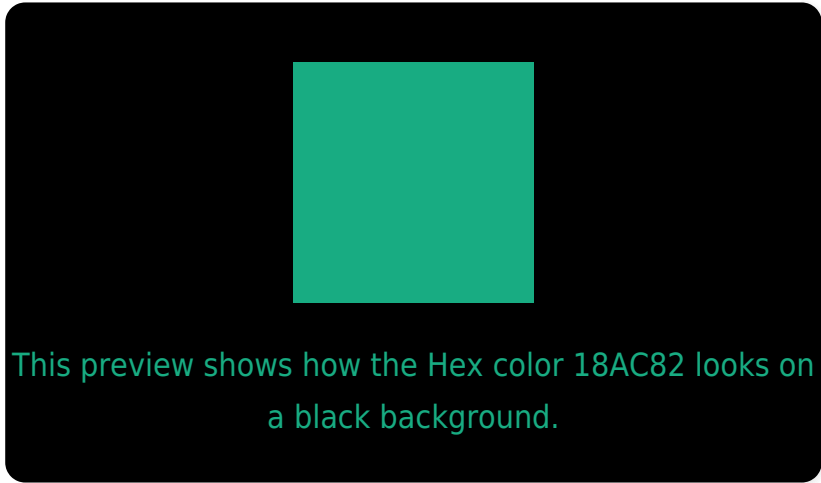
Large Text (above 18pt) WCAG AA × Fail

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

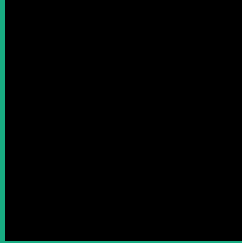
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 18AC82 Background



This preview shows how black text looks on a background with the Hex color 18AC82.

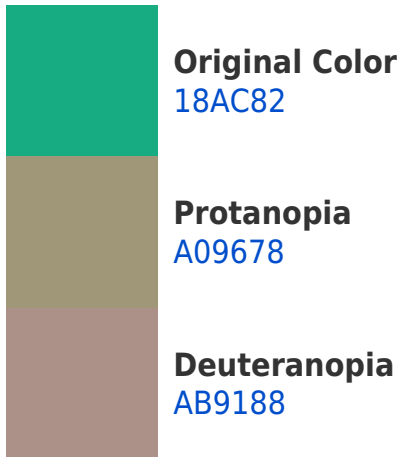


This preview shows how white text looks on a background with the Hex color 18AC82.

# 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**  
3BA6B3

# Trichromacy



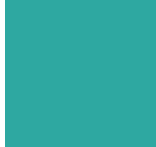
**Original Color**  
18AC82



**Protanomaly**  
6F9E7C



**Deuteranomaly**  
769B86



**Tritanomaly**  
2EA8A1

# Monochromacy



**Original Color**  
18AC82



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
578D7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18AC82 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 #18AC82 looks like.

```
.text, #text, p{  
    color:#18AC82  
}
```

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 #18AC82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18AC82
}
```

## Border

The CSS property to change the border of an element to Hex 18AC82 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
#18AC82 }
```

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

```
.border{ border-color:#18AC82 }
```

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

Here you see how a box with a 4 pixel #18AC82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18AC82; -webkit-box-shadow:4px 4px  
4px 4px #18AC82; box-shadow:4px 4px 4px  
4px #18AC82 }
```

# Background

The CSS property to change the background color of an element to Hex 18AC82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18AC82 }
```

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

```
.background{ background-color:#18AC82 }
```

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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