

# Converting Colors

Hex(1A8960)

Have a look what the booklet for  
Hex(1A8960) contains.

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# Color

Hex(1A8960)

# Conversions

## Conversions Part 1

Format	Color
Hex	1A8960
RGB	26, 137, 96
RGB Percent	10%, 54%, 38%
CMY	0.8980, 0.4627, 0.6235
CMYK	0.81, 0.00, 0.30, 0.46
HSL	158°, 68%, 32%
HSV	158°, 81%, 54%
XYZ	11.4830, 18.9555, 14.1199
YIQ	99.1370, -52.9950, -36.2830

# Conversions

## Conversions Part 2

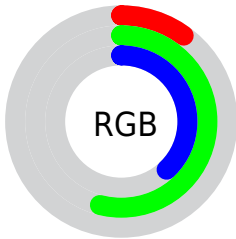
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 94, 137
Decimal	1739104
CIELab	50.64, -40.04, 13.66
CIELCh	51, 42.307, 161.169
Yxy	18.9555, 0.2577, 0.4254
Android (android.graphics.Color)	4279929184 (0xFF1A8960)
YUV	99.1370, -1.5465, -64.1411
Hunter-Lab	43.5379, -29.1124, 11.2480

# Details

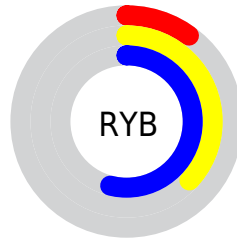
The Hex color **1A8960** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **891A43**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5ABF93**, and **005631** is the 20% darker color. If you saturate the color by 10%, you get **0C895B**, and if you desaturate by 10%, it is **288965**.

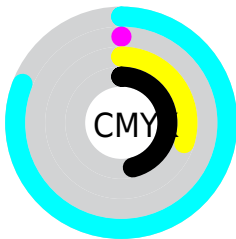
# Distribution



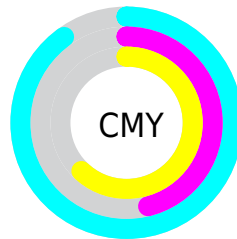
- Red (10%)
- Green (54%)
- Blue (38%)



- Red (10%)
- Yellow (37%)
- Blue (54%)



- Cyan (81%)
- Magenta (0%)
- Yellow (30%)
- Black (46%)



- Cyan (90%)
- Magenta (46%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A8960 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 1A8960 by changing the saturation by 10% instead.



 1A8960

 1A8960

FFFFFF

 006F48


 5ABF93

 005631

 77DBAD

 003E1C

 93F8C9

 002804

 AFFFE5

 000400

 CCFFFF

 000000

 EAFFFF

 1A8960

 1A8960

 0C895B

 288965

■ 008956

■ 35896A

■ 43896F

■ 518974

■ 5E8979

■ 6C897E

■ 7A8983

■ 888988

■ 95898E

# Harmonies

## Analogous

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



598440



1A8960



008B85

# Triad

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



1A8960



5278BF



B5614B

# Complementary

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



1A8960



891A43

# 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.



BC596C



1A8960



8D6AAF

# Square

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



1A8960



0083BC



AF5D91



A06E33

# Rectangle

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



1A8960



008A9D



AF5D91



B95E55



# Sweetspot

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



1A8960



88B3A3



45891A



3F5950



D9D9D9



595959



# Same Dimension

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



1A8960



05B373



1A7C89



3E4542



008554



000503



# Inverse Universe

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



891A43



B30545



89271A



453E41



850031



050002



# Previews

## White Background



This preview shows how the Hex color 1A8960 looks on a white background.

## Color Contrast Check

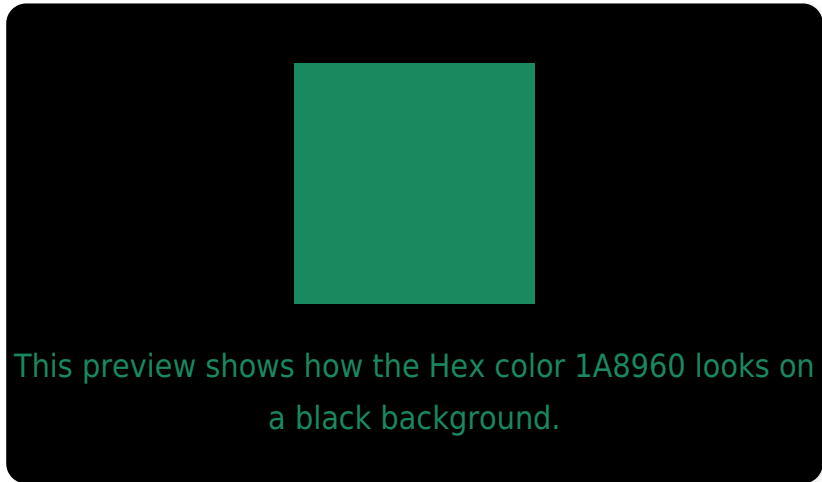
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 1A8960 Background



This preview shows how black text looks on a background with the Hex color 1A8960.

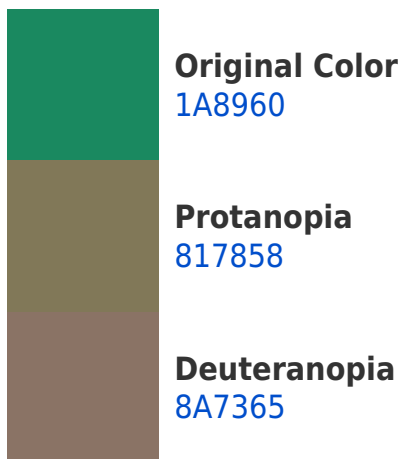


This preview shows how white text looks on a background with the Hex color 1A8960.

# 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**  
34838E

# Trichromacy



**Original Color**  
1A8960



**Protanomaly**  
5C7E5B



**Deuteranomaly**  
617B63



**Tritanomaly**  
2B857D

# Monochromacy



**Original Color**  
1A8960



**Achromatopsia**  
636363



**Achromatomaly**  
487162

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A8960 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 #1A8960 looks like.

```
.text, #text, p{  
    color:#1A8960  
}
```

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 #1A8960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A8960
}
```

## Border

The CSS property to change the border of an element to Hex 1A8960 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
#1A8960 }
```

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

```
.border{ border-color:#1A8960 }
```

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

Here you see how a box with a 4 pixel #1A8960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A8960; -webkit-box-shadow:4px 4px  
4px 4px #1A8960; box-shadow:4px 4px 4px  
4px #1A8960 }
```

# Background

The CSS property to change the background color of an element to Hex 1A8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A8960 }
```

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

```
.background{ background-color:#1A8960 }
```

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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