

# Converting Colors

Hex(1C8B6A)

Have a look what the booklet for  
Hex(1C8B6A) contains.

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# Color

**Hex(1C8B6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C8B6A
RGB	28, 139, 106
RGB Percent	11%, 55%, 42%
CMY	0.8902, 0.4549, 0.5843
CMYK	0.80, 0.00, 0.24, 0.45
HSL	162°, 66%, 33%
HSV	162°, 80%, 55%
XYZ	12.3130, 19.7527, 16.7994
YIQ	102.0490, -55.5630, -33.7950

# Conversions

## Conversions Part 2

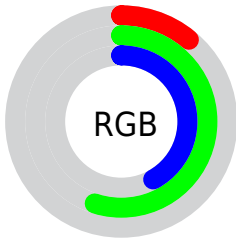
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 93, 139
Decimal	1870698
CIE <sub>Lab</sub>	51.56, -38.20, 9.21
CIE <sub>LCh</sub>	52, 39.291, 166.447
Yxy	19.7527, 0.2520, 0.4042
Android (android.graphics.Color)	4280060778 (0xFF1C8B6A)
YUV	102.0490, 1.9478, -64.9410
Hunter-Lab	44.4440, -28.3244, 8.6998

# Details

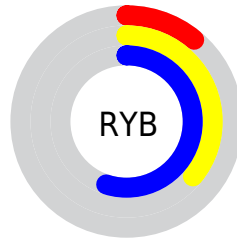
The Hex color **1C8B6A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B1C3D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5CC19D**, and **00583B** is the 20% darker color. If you saturate the color by 10%, you get **0E8B66**, and if you desaturate by 10%, it is **2A8B6E**.

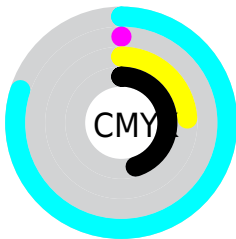
# Distribution



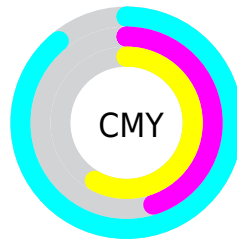
- Red (11%)
- Green (55%)
- Blue (42%)



- Red (11%)
- Yellow (36%)
- Blue (55%)



- Cyan (80%)
- Magenta (0%)
- Yellow (24%)
- Black (45%)



- Cyan (89%)
- Magenta (45%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C8B6A 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 1C8B6A by changing the saturation by 10% instead.





1C8B6A



1C8B6A

FFFFFF



007152



5CC19D



00583B



79DEB8



004025



95FAD4



002A10



B2FFF0



000B00



CFFFFFF



000000



ECFFFF



1C8B6A



1C8B6A



0E8B66



2A8B6E

■ 008B62

■ 388B72

■ 468B76

■ 548B7B

■ 628B7F

■ 6F8B83

■ 7D8B87

■ 8B8B8B

■ 998B8F

# Harmonies

## Analogous

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



57874B



1C8B6A



008C8D

# Triad

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



1C8B6A



6478BB



B2674C

# Complementary

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



1C8B6A



8B1C3D

# 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.



BA5F6A



1C8B6A



956BA9

# Square

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



1C8B6A



0083BC



B1618C



9C7438

# Rectangle

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



1C8B6A



008BA2



B1618C



B66455



# Sweetspot

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



1C8B6A



8AB5A8



3D8B1C



415C54



DBDBDB



5C5C5C



# Same Dimension

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



1C8B6A



07B581



1C758B



3E4543



00855D



000504



# Inverse Universe

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



8B1C3D



B5073B



8B321C



453E40



850027



050002



# Previews

## White Background



This preview shows how the Hex color 1C8B6A looks on a white background.

## Color Contrast Check

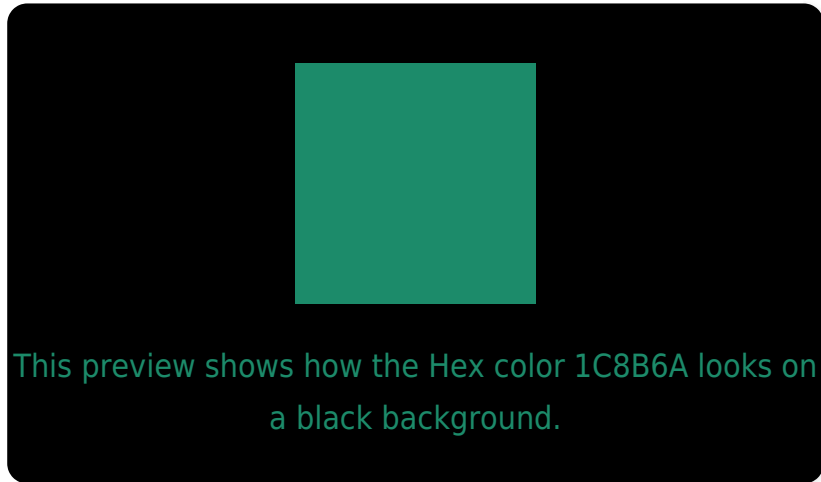
Large Text (above 18pt) WCAG AA ✓ Pass

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

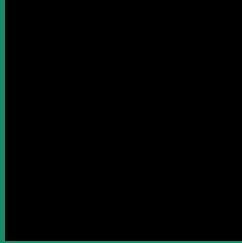
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1C8B6A Background



This preview shows how black text looks on a background with the Hex color 1C8B6A.

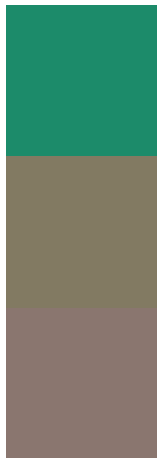


This preview shows how white text looks on a background with the Hex color 1C8B6A.

# 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



**Original Color**  
1C8B6A

**Protanopia**  
827A62

**Deuteranopia**  
8A766F



**Tritanopia**  
338691

# Trichromacy



**Original Color**

1C8B6A



**Protanomaly**

5D8065



**Deuteranomaly**

627E6D



**Tritanomaly**

2B8883

# Monochromacy



**Original Color**

1C8B6A



**Achromatopsia**

666666



**Achromatomaly**

4B7367

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C8B6A 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 #1C8B6A looks like.

```
.text, #text, p{  
    color:#1C8B6A  
}
```

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 #1C8B6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8B6A
}
```

## Border

The CSS property to change the border of an element to Hex 1C8B6A 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
#1C8B6A }
```

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

```
.border{ border-color:#1C8B6A }
```

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

Here you see how a box with a 4 pixel #1C8B6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8B6A; -webkit-box-shadow:4px 4px  
4px 4px #1C8B6A; box-shadow:4px 4px 4px  
4px #1C8B6A }
```

# Background

The CSS property to change the background color of an element to Hex 1C8B6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8B6A }
```

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

```
.background{ background-color:#1C8B6A }
```

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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