

# Converting Colors

Hex(1C874C)

Have a look what the booklet for  
Hex(1C874C) contains.

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**Color**

**Hex(1C874C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C874C
RGB	28, 135, 76
RGB Percent	11%, 53%, 30%
CMY	0.8902, 0.4706, 0.7020
CMYK	0.79, 0.00, 0.44, 0.47
HSL	147°, 66%, 32%
HSV	147°, 79%, 53%
XYZ	10.4474, 18.0966, 9.7798
YIQ	96.2810, -44.8330, -41.0330

# Conversions

## Conversions Part 2

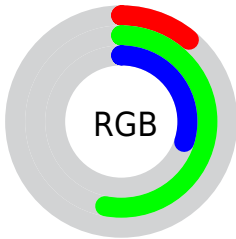
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 102, 135
Decimal	1869644
CIE <sub>Lab</sub>	49.61, -43.30, 23.56
CIE <sub>LCh</sub>	50, 49.297, 151.453
Yxy	18.0966, 0.2726, 0.4722
Android (android.graphics.Color)	4280059724 (0xFF1C874C)
YUV	96.2810, -9.9985, -59.8824
Hunter-Lab	42.5401, -30.6077, 16.1475

# Details

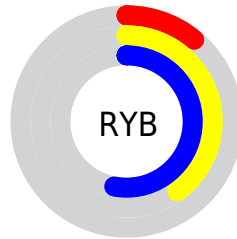
The Hex color **1C874C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **871C57**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5BBD7E**, and **00541E** is the 20% darker color. If you saturate the color by 10%, you get **0E8745**, and if you desaturate by 10%, it is **298753**.

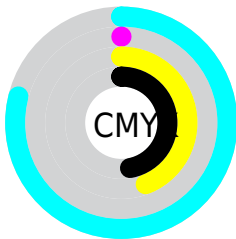
# Distribution



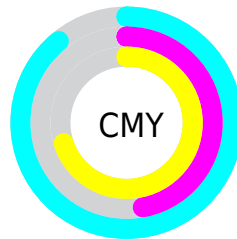
- Red (11%)
- Green (53%)
- Blue (30%)



- Red (11%)
- Yellow (40%)
- Blue (53%)



- Cyan (79%)
- Magenta (0%)
- Yellow (44%)
- Black (47%)



- Cyan (89%)
- Magenta (47%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C874C 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 1C874C by changing the saturation by 10% instead.



 1C874C

 1C874C

FFFFFF

 006D35

 5BBD7E

 00541E

 77D998

 003C07

 93F6B3

 002700

 AFFFCE

 000000

 CCFEB

 EAFFFF

 1C874C

 1C874C

 0E8745

 298753

■ 01873D

■ 37875B

■ 00873D

■ 448762

■ 52876A

■ 5F8771

■ 6D8779

■ 7A8780

■ 888788

■ 96878F

# Harmonies

## Analogous

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



608029



1C874C



008A77

# Triad

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



1C874C



007ACA



BF554D

# Complementary

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



1C874C



871C57

# 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.



C04F76



1C874C



796ABE

# Square

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



1C874C



0085BF



AA589F



AB652B

# Rectangle

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



1C874C



008A93



AA589F



C2515A



# Sweetspot

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



1C874C



86B099



59871C



3F594B



D9D9D9



595959



# Same Dimension

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



1C874C



09B054



1C8780



3C423F



00823A



000301



# Inverse Universe

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



871C57



B00965



871C23



423C3F



820048



030001



# Previews

## White Background



This preview shows how the Hex color 1C874C looks on a white background.

## Color Contrast Check

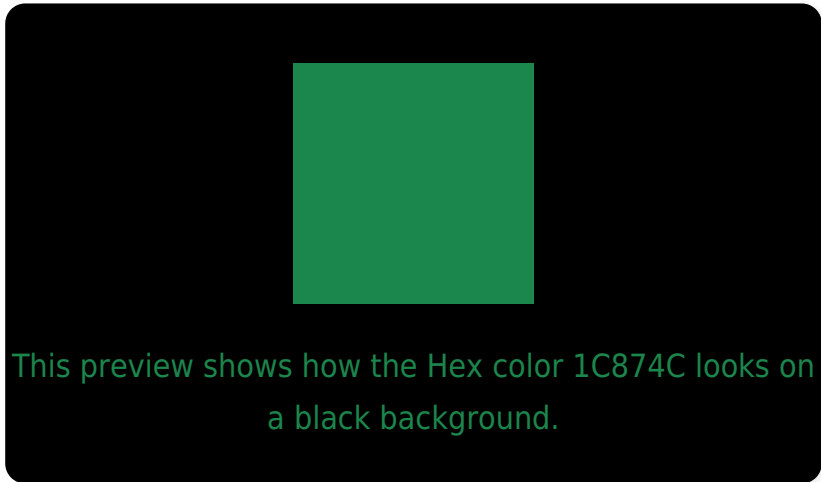
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 1C874C Background



This preview shows how black text looks on a background with the Hex color 1C874C.

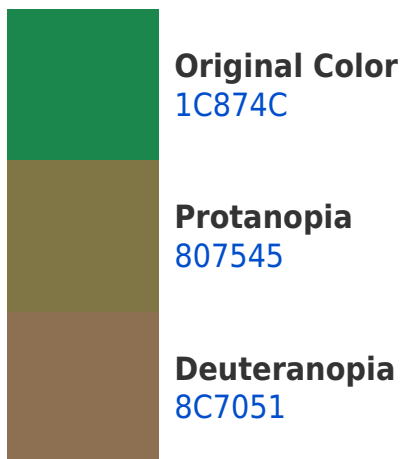


This preview shows how white text looks on a background with the Hex color 1C874C.

# 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**  
38808A

# Trichromacy



**Original Color**  
1C874C



**Protanomaly**  
5C7C48



**Deuteranomaly**  
63784F



**Tritanomaly**  
2E8373

# Monochromacy



**Original Color**  
1C874C



**Achromatopsia**  
606060



**Achromatomaly**  
476E59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C874C 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 #1C874C looks like.

```
.text, #text, p{  
    color:#1C874C  
}
```

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 #1C874C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C874C
}
```

## Border

The CSS property to change the border of an element to Hex 1C874C 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
#1C874C }
```

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

```
.border{ border-color:#1C874C }
```

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

Here you see how a box with a 4 pixel #1C874C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C874C; -webkit-box-shadow:4px 4px  
4px 4px #1C874C; box-shadow:4px 4px 4px  
4px #1C874C }
```

# Background

The CSS property to change the background color of an element to Hex 1C874C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C874C }
```

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

```
.background{ background-color:#1C874C }
```

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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