

Converting Colors

Hex(1E874C)

Have a look what the booklet for
Hex(1E874C) contains.

Hex(1E874C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1E874C)

Conversions

Conversions Part 1

Format	Color
Hex	1E874C
RGB	30, 135, 76
RGB Percent	12%, 53%, 30%
CMY	0.8824, 0.4706, 0.7020
CMYK	0.78, 0.00, 0.44, 0.47
HSL	146°, 64%, 32%
HSV	146°, 78%, 53%
XYZ	10.5039, 18.1258, 9.7825
YIQ	96.8790, -43.6410, -40.6090

Conversions

Conversions Part 2

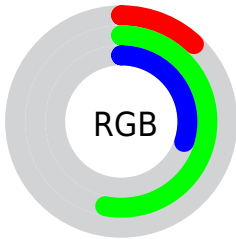
Format	Color
RYB	30, 103, 135
Decimal	2000716
CIELab	49.65, -43.02, 23.61
CIELCh	50, 49.077, 151.243
Yxy	18.1258, 0.2735, 0.4719
Android (android.graphics.Color)	4280190796 (0xFF1E874C)
YUV	96.8790, -10.2933, -58.6529
Hunter-Lab	42.5744, -30.4658, 16.1788

Details

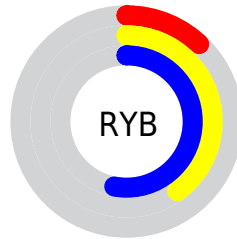
The Hex color **1E874C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **871E59**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5CBD7E**, and **00541E** is the 20% darker color. If you saturate the color by 10%, you get **118744**, and if you desaturate by 10%, it is **2C8754**.

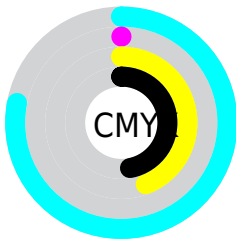
Distribution



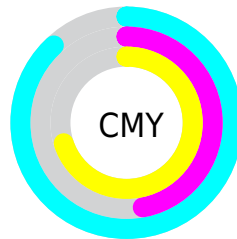
- Red (12%)
- Green (53%)
- Blue (30%)



- Red (12%)
- Yellow (40%)
- Blue (53%)



- Cyan (78%)
- Magenta (0%)
- Yellow (44%)
- Black (47%)



- Cyan (88%)
- Magenta (47%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E874C 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 1E874C by changing the saturation by 10% instead.

 1E874C

 1E874C

FFFFFF

 006D35

 5CBD7E

 00541E

 78D998

 003C07

 94F6B3

 002700

 B0FFCE


 000000

 CDFFE8

 EBFFFF

 1E874C

 1E874C

 118744

 2C8754

■ 03873D

■ 39875B

■ 00873B

■ 478763

■ 54876A

■ 628772

■ 6F877A

■ 7D8781

■ 8A8789

■ 988790

Harmonies

Analogous

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



608029



1E874C



008A77

Triad

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



1E874C



007AC9



BF554D

Complementary

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



1E874C



871E59

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



1E874C



796ABE

Square

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



1E874C



0085BF



AA599F



AB652C

Rectangle

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



1E874C



008A93



AA599F



C2515A

Sweetspot

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



1E874C



87B099



5A871E



40594B



D9D9D9



595959

Same Dimension

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



1E874C



0CB054



1E8780



3C423F



008239



000301

Inverse Universe

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



871E59



B00C68



871E25



423C3F



820049



030001

Previews

White Background



This preview shows how the Hex color 1E874C looks on a white background.

Color Contrast Check

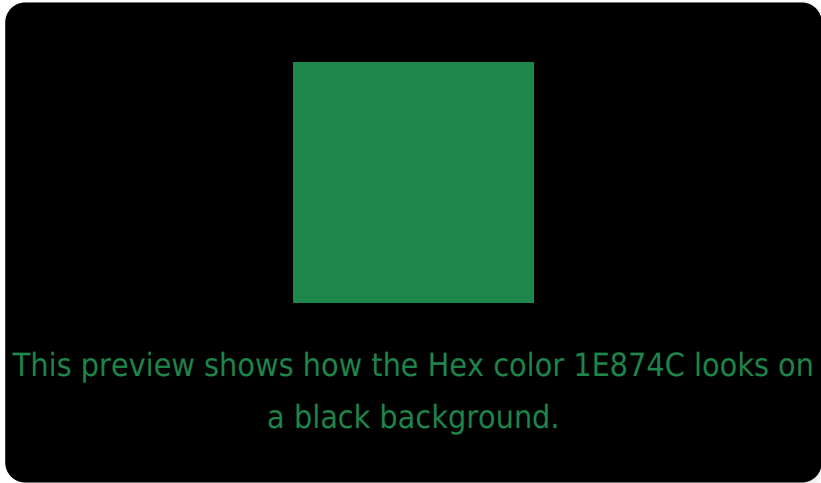
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E874C Background



This preview shows how black text looks on a background with the Hex color 1E874C.



This preview shows how white text looks on a background with the Hex color 1E874C.

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
1E874C

Protanopia
807545

Deuteranopia
8C7051



Tritanopia
39808A

Trichromacy



Original Color
1E874C



Protanomaly
5C7C48



Deuteranomaly
64784F



Tritanomaly
2F8373

Monochromacy



Original Color
1E874C



Achromatopsia
616161



Achromatomaly
496F59

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E874C 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 #1E874C looks like.

```
.text, #text, p{  
    color:#1E874C  
}
```

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 #1E874C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E874C
}
```

Border

The CSS property to change the border of an element to Hex 1E874C 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
#1E874C }
```

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

```
.border{ border-color:#1E874C }
```

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

Here you see how a box with a 4 pixel #1E874C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E874C; -webkit-box-shadow:4px 4px  
4px 4px #1E874C; box-shadow:4px 4px 4px  
4px #1E874C }
```

Background

The CSS property to change the background color of an element to Hex 1E874C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E874C }
```

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

```
.background{ background-color:#1E874C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor