

Converting Colors

Hex(16874E)

Have a look what the booklet for
Hex(16874E) contains.

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Color

Hex(16874E)

Conversions

Conversions Part 1

Format	Color
Hex	16874E
RGB	22, 135, 78
RGB Percent	9%, 53%, 31%
CMY	0.9137, 0.4706, 0.6941
CMYK	0.84, 0.00, 0.42, 0.47
HSL	150°, 72%, 31%
HSV	150°, 84%, 53%
XYZ	10.3700, 18.0486, 10.1449
YIQ	94.7150, -49.0510, -41.6830

Conversions

Conversions Part 2

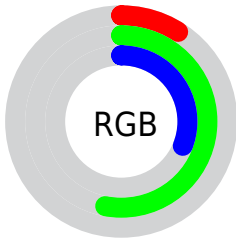
Format	Color
R_{YB}	22, 98, 135
Decimal	1476430
CIE _{Lab}	49.55, -43.65, 22.36
CIE _{LCh}	50, 49.039, 152.877
Yxy	18.0486, 0.2689, 0.4680
Android (android.graphics.Color)	4279666510 (0xFF16874E)
YUV	94.7150, -8.2405, -63.7711
Hunter-Lab	42.4836, -30.7756, 15.5803

Details

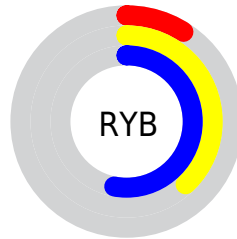
The Hex color **16874E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **87164F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **58BD80**, and **005420** is the 20% darker color. If you saturate the color by 10%, you get **098747**, and if you desaturate by 10%, it is **248755**.

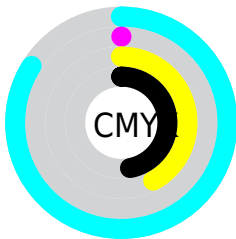
Distribution



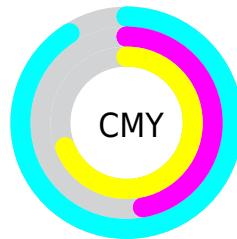
- Red (9%)
- Green (53%)
- Blue (31%)



- Red (9%)
- Yellow (38%)
- Blue (53%)



- Cyan (84%)
- Magenta (0%)
- Yellow (42%)
- Black (47%)



- Cyan (91%)
- Magenta (47%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16874E 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 16874E by changing the saturation by 10% instead.

 16874E

 16874E

FFFFFF

 006D37

 58BD80

 005420

 74D99A

 003C0A

 90F6B5

 002700

 ADFFD0

 000000

 CAFFED

 E7FFFF

 16874E

 16874E

 098747

 248755

■ 008743

■ 31875C

■ 3F8762

■ 4C8769

■ 5A8770

■ 678777

■ 75877E

■ 828784

■ 90878B

Harmonies

Analogous

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



5D802A



16874E



008A79

Triad

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



16874E



0F79C9



BE564B

Complementary

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



16874E



87164F

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.



C04F74



16874E



7C69BC

Square

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



16874E



0084BF



AB589D



A9662A

Rectangle

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



16874E



008A95



AB589D



C15258

Sweetspot

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



16874E



84B09A



508716



3E594C



D9D9D9



595959

Same Dimension

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



16874E



00B057



168785



3C423F



008240



000301

Inverse Universe

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



87164F



B00059



871618



423C3F



820042



030001

Previews

White Background



This preview shows how the Hex color 16874E looks on a white background.

Color Contrast Check

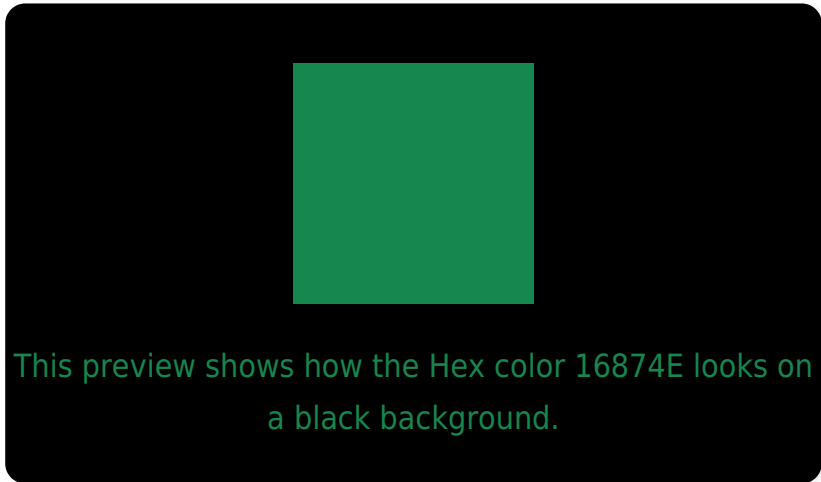
Large Text (above 18pt) WCAG AA ✓ Pass

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 16874E Background



This preview shows how black text looks on a background with the Hex color 16874E.

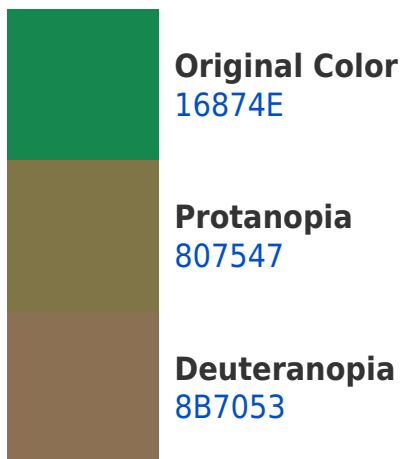



This preview shows how white text looks on a background with the Hex color 16874E.

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
35808A

Trichromacy



Original Color
16874E



Protanomaly
597C4A



Deuteranomaly
607851



Tritanomaly
2A8374

Monochromacy



Original Color
16874E



Achromatopsia
5F5F5F



Achromatomaly
446E59

CSS Examples

Text

The CSS property to change the color of the text to Hex 16874E 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 #16874E looks like.

```
.text, #text, p{  
    color:#16874E  
}
```

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 #16874E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16874E
}
```

Border

The CSS property to change the border of an element to Hex 16874E 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
#16874E }
```

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

```
.border{ border-color:#16874E }
```

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

Here you see how a box with a 4 pixel #16874E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16874E; -webkit-box-shadow:4px 4px  
4px 4px #16874E; box-shadow:4px 4px 4px  
4px #16874E }
```

Background

The CSS property to change the background color of an element to Hex 16874E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16874E }
```

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

```
.background{ background-color:#16874E }
```

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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