

Converting Colors

Hex(00874E)

Have a look what the booklet for
Hex(00874E) contains.

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Color

Hex(00874E)

Conversions

Conversions Part 1

Format	Color
Hex	00874E
RGB	0, 135, 78
RGB Percent	0%, 53%, 31%
CMY	1.0000, 0.4706, 0.6941
CMYK	1.00, 0.00, 0.42, 0.47
HSL	155°, 100%, 26%
HSV	155°, 100%, 53%
XYZ	10.0391, 17.8780, 10.1294
YIQ	88.1370, -62.1630, -46.3470

Conversions

Conversions Part 2

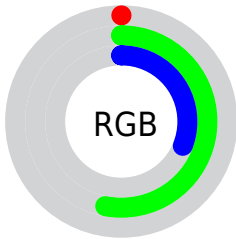
Format	Color
RYB	0, 86, 135
Decimal	34638
CIELab	49.35, -45.32, 22.05
CIELCh	49, 50.399, 154.060
Yxy	17.8780, 0.2639, 0.4699
Android (android.graphics.Color)	4278224718 (0xFF00874E)
YUV	88.1370, -4.9975, -77.2961
Hunter-Lab	42.2824, -31.6129, 15.3938

Details

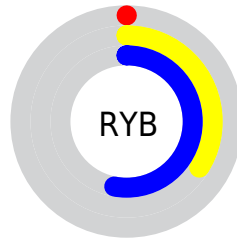
The Hex color **00874E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **870039**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **51BD80**, and **005420** is the 20% darker color. If you saturate the color by 10%, you get **00874E**, and if you desaturate by 10%, it is **0D8754**.

Distribution



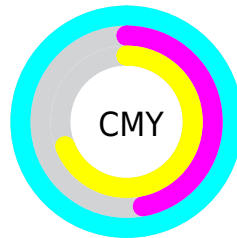
- Red (0%)
- Green (53%)
- Blue (31%)



- Red (0%)
- Yellow (34%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00874E 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 00874E by changing the saturation by 10% instead.

 00874E

 00874E

FFFFFF

 006D37

 51BD80

 005420

 6EDA9A

 003B0A

 8AF6B5

 002600

 A7FFD0

 000000

 C4FFED

 E1FFFF

 00874E

 0D8754

 1B8759

 29875F

 368765

 44876B

 518770

 5E8776

 6C877C

 7A8781

Harmonies

Analogous

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



5A8029



00874E



008A7A

Triad

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



00874E



0B78CB



BE5448

Complementary

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



00874E



870039

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.



C24C71



00874E



7E67BD

Square

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



00874E



0083C2



AE559B



A96526

Rectangle

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



00874E



008A97



AE559B



C25055

Sweetspot

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



00874E



7BB09A



3A8700



39594C



D9D9D9



595959

Same Dimension

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



00874E



00B066



007E87



3C4240



00824B



000301

Inverse Universe

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



870039



B0004A



870900



423C3E



820037



030001

Previews

White Background



This preview shows how the Hex color 00874E looks on a white background.

Color Contrast Check

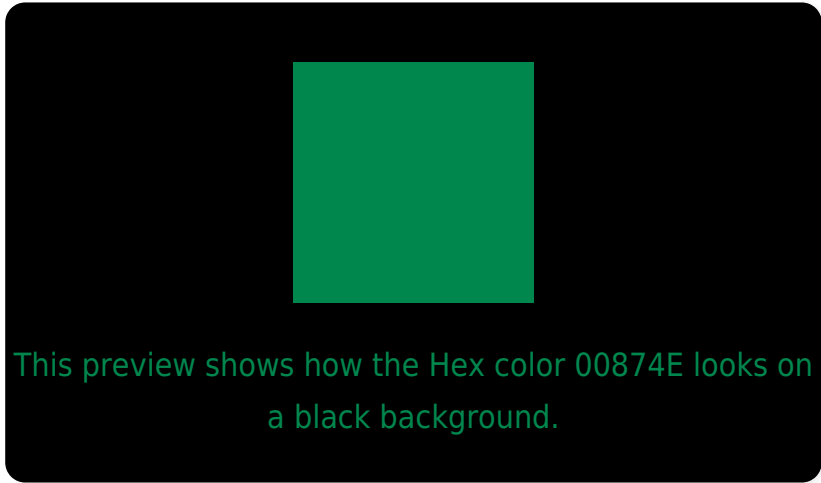
Large Text (above 18pt) WCAG AA ✓ Pass

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 00874E Background



This preview shows how black text looks on a background with the Hex color 00874E.



This preview shows how white text looks on a background with the Hex color 00874E.

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
00874E

Protanopia
807547

Deuteranopia
8B7053



Tritanopia
32808A

Trichromacy



Original Color
00874E



Protanomaly
517C4A



Deuteranomaly
587851



Tritanomaly
208374

Monochromacy



Original Color
00874E



Achromatopsia
585858



Achromatomaly
386954

CSS Examples

Text

The CSS property to change the color of the text to Hex 00874E 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 #00874E looks like.

```
.text, #text, p{  
    color:#00874E  
}
```

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 #00874E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00874E
}
```

Border

The CSS property to change the border of an element to Hex 00874E 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
#00874E }
```

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

```
.border{ border-color:#00874E }
```

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

Here you see how a box with a 4 pixel #00874E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00874E; -webkit-box-shadow:4px 4px  
4px 4px #00874E; box-shadow:4px 4px 4px  
4px #00874E }
```

Background

The CSS property to change the background color of an element to Hex 00874E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00874E }
```

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

```
.background{ background-color:#00874E }
```

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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