

Converting Colors

Hex(08834E)

Have a look what the booklet for
Hex(08834E) contains.

Hex(08834E)	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(08834E)

Conversions

Conversions Part 1

Format	Color
Hex	08834E
RGB	8, 131, 78
RGB Percent	3%, 51%, 31%
CMY	0.9686, 0.4863, 0.6941
CMYK	0.94, 0.00, 0.40, 0.49
HSL	154°, 88%, 27%
HSV	154°, 94%, 51%
XYZ	9.5916, 16.8343, 9.9515
YIQ	88.1810, -56.2950, -42.5590

Conversions

Conversions Part 2

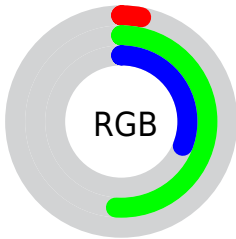
Format	Color
RYB	8, 86, 131
Decimal	557902
CIELab	48.05, -43.30, 20.34
CIELCh	48, 47.836, 154.833
Yxy	16.8343, 0.2637, 0.4628
Android (android.graphics.Color)	4278747982 (0xFF08834E)
YUV	88.1810, -5.0192, -70.3187
Hunter-Lab	41.0296, -30.0734, 14.3402

Details

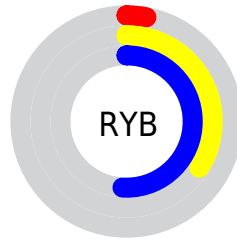
The Hex color **08834E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **83083D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **52B980**, and **005021** is the 20% darker color. If you saturate the color by 10%, you get **00834B**, and if you desaturate by 10%, it is **158354**.

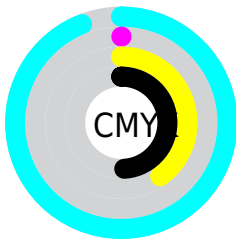
Distribution



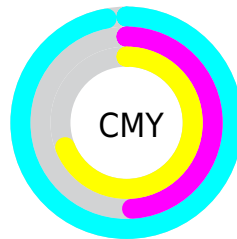
- Red (3%)
- Green (51%)
- Blue (31%)



- Red (3%)
- Yellow (34%)
- Blue (51%)



- Cyan (94%)
- Magenta (0%)
- Yellow (40%)
- Black (49%)




- Cyan (97%)
- Magenta (49%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08834E 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 08834E by changing the saturation by 10% instead.

 08834E

 08834E

FFFFFF

 006937

 52B980

 005021

 6ED59A

 00380B

 8BF2B5

 002300


 A7FFD0

 000000

 C4FFED

 E1FFFF

 08834E

 08834E

 00834B

 158354

 228359

 2F835F

 3C8365

 49836A

 578370

 648376

 71837B

 7E8381

Harmonies

Analogous

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



577D2B



08834E



008578

Triad

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



08834E



2074C3



B75446

Complementary

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



08834E



83083D

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.



BB4C6D



08834E



7C65B5

Square

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



08834E



007FBB



A85495



A26327

Rectangle

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



08834E



008593



A85495



BB5053

Sweetspot

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



08834E



7BAB96



3D8308



39574A



D6D6D6



575757

Same Dimension

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



08834E



00AB61



087B83



3C423F



00824A



000301

Inverse Universe

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



83083D



AB004A



831008



423C3F



820038



030001

Previews

White Background



This preview shows how the Hex color 08834E looks on a white background.

Color Contrast Check

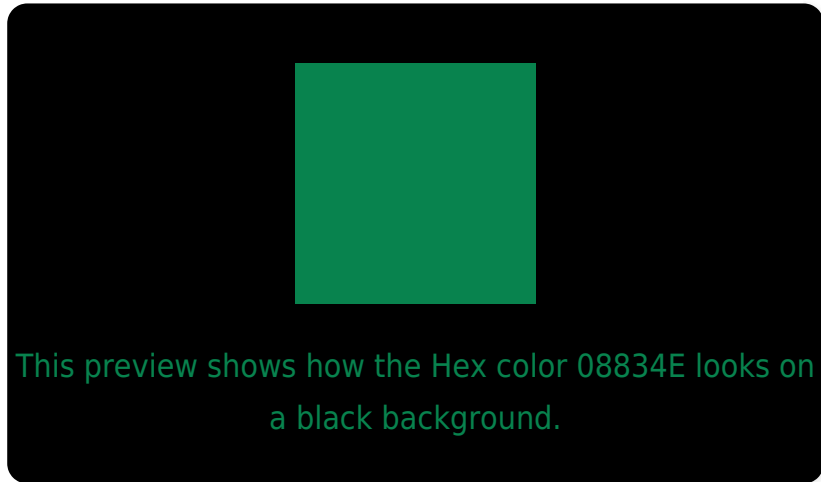
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 08834E Background



This preview shows how black text looks on a background with the Hex color 08834E.



This preview shows how white text looks on a background with the Hex color 08834E.

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
08834E

Protanopia
7C7247

Deuteranopia
866D53



Tritanopia
307C86

Trichromacy



Original Color
08834E



Protanomaly
52784A



Deuteranomaly
587551



Tritanomaly
217F72

Monochromacy



Original Color
08834E



Achromatopsia
585858



Achromatomaly
3B6854

CSS Examples

Text

The CSS property to change the color of the text to Hex 08834E 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 #08834E looks like.

```
.text, #text, p{  
    color:#08834E  
}
```

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 #08834E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08834E
}
```

Border

The CSS property to change the border of an element to Hex 08834E 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
#08834E }
```

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

```
.border{ border-color:#08834E }
```

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

Here you see how a box with a 4 pixel #08834E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08834E; -webkit-box-shadow:4px 4px  
4px 4px #08834E; box-shadow:4px 4px 4px  
4px #08834E }
```

Background

The CSS property to change the background color of an element to Hex 08834E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08834E }
```

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

```
.background{ background-color:#08834E }
```

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