

# Converting Colors

Hex(1E834E)

Have a look what the booklet for  
Hex(1E834E) contains.

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# Color

Hex(1E834E)

# Conversions

## Conversions Part 1

Format	Color
Hex	1E834E
RGB	30, 131, 78
RGB Percent	12%, 51%, 31%
CMY	0.8824, 0.4863, 0.6941
CMYK	0.77, 0.00, 0.40, 0.49
HSL	149°, 63%, 32%
HSV	149°, 77%, 51%
XYZ	10.0269, 17.0587, 9.9719
YIQ	94.7590, -43.1830, -37.8950

# Conversions

## Conversions Part 2

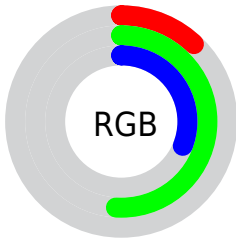
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 98, 131
Decimal	1999694
CIELab	48.33, -41.05, 20.77
CIELCh	48, 46.003, 153.161
Yxy	17.0587, 0.2706, 0.4603
Android (android.graphics.Color)	4280189774 (0xFF1E834E)
YUV	94.7590, -8.2622, -56.7936
Hunter-Lab	41.3022, -28.9446, 14.5966

# Details

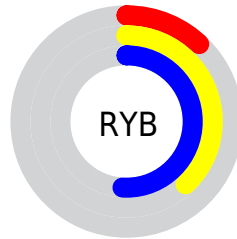
The Hex color **1E834E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **831E53**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5BB980**, and **005021** is the 20% darker color. If you saturate the color by 10%, you get **118347**, and if you desaturate by 10%, it is **2B8355**.

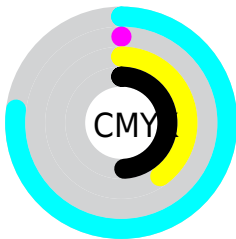
# Distribution



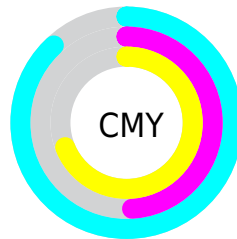
- Red (12%)
- Green (51%)
- Blue (31%)



- Red (12%)
- Yellow (38%)
- Blue (51%)



- Cyan (77%)
- Magenta (0%)
- Yellow (40%)
- Black (49%)



- Cyan (88%)
- Magenta (49%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E834E 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 1E834E by changing the saturation by 10% instead.



 1E834E

 1E834E

FFFFFF

 006937

 5BB980

 005021

 77D59A

 00380B

 93F2B5

 002400

 AFFFD0


 000000

 CCFED

 E9FFF

 1E834E

 1E834E

 118347

 2B8355

■ 048340

■ 38835C

■ 00833E

■ 458363

■ 528369

■ 608370

■ 6D8377

■ 7A837E

■ 878385

■ 94838C

# Harmonies

## Analogous

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



5C7D2D



1E834E



008676

# Triad

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



1E834E



2276C0



B7554A

# Complementary

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



1E834E



831E53

# 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.



B94F70



1E834E



7A67B4

# Square

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



1E834E



0080B8



A55797



A3642C

# Rectangle

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



1E834E



008690



A55797



B95256



# Sweetspot

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



1E834E



84AB96



54831E



3E574A



D6D6D6



575757



# Same Dimension

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



1E834E



0CAB57



1E8380



3C423F



00823E



000301



# Inverse Universe

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



831E53



AB0C5F



831E21



423C3F



820044



030001



# Previews

## White Background



This preview shows how the Hex color 1E834E looks on a white background.

## Color Contrast Check

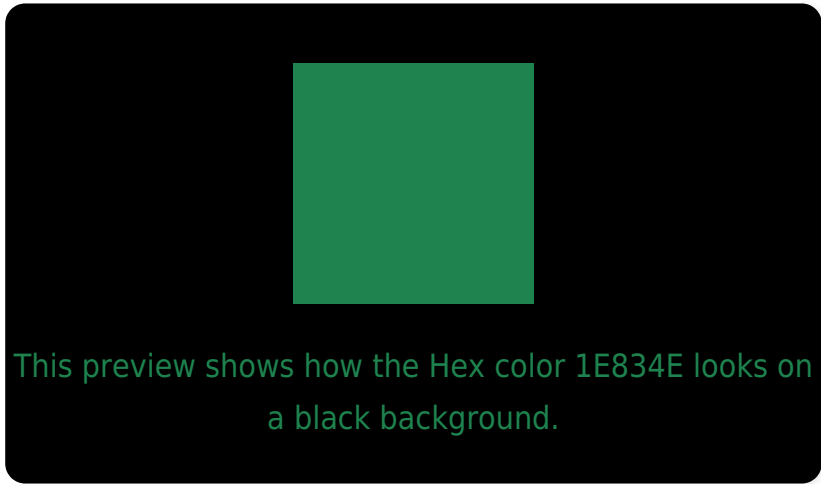
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E834E Background



This preview shows how black text looks on a background with the Hex color 1E834E.




This preview shows how white text looks on a background with the Hex color 1E834E.

# 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](#).

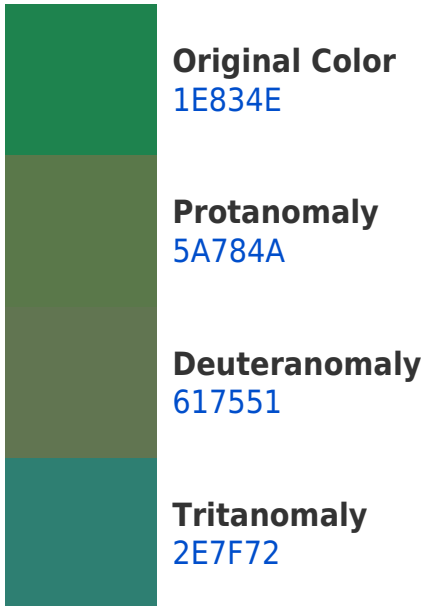
## Dichromacy



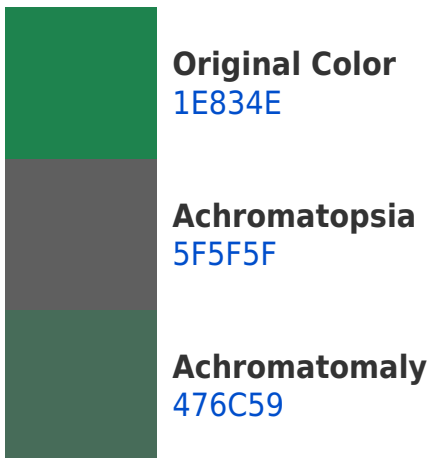


**Tritanopia**  
377C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E834E 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 #1E834E looks like.

```
.text, #text, p{  
    color:#1E834E  
}
```

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 #1E834E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E834E
}
```

## Border

The CSS property to change the border of an element to Hex 1E834E 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
#1E834E }
```

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

```
.border{ border-color:#1E834E }
```

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

Here you see how a box with a 4 pixel #1E834E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E834E; -webkit-box-shadow:4px 4px  
4px 4px #1E834E; box-shadow:4px 4px 4px  
4px #1E834E }
```

# Background

The CSS property to change the background color of an element to Hex 1E834E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E834E }
```

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

```
.background{ background-color:#1E834E }
```

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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