

# Converting Colors

Hex(34814E)

Have a look what the booklet for  
Hex(34814E) contains.

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# Color

Hex(34814E)

# Conversions

## Conversions Part 1

Format	Color
Hex	34814E
RGB	52, 129, 78
RGB Percent	20%, 51%, 31%
CMY	0.7961, 0.4941, 0.6941
CMYK	0.60, 0.00, 0.40, 0.49
HSL	140°, 43%, 35%
HSV	140°, 60%, 51%
XYZ	10.6416, 16.9806, 9.9244
YIQ	100.1630, -29.5210, -32.1850

# Conversions

## Conversions Part 2

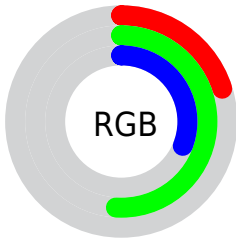
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 110, 129
Decimal	3440974
CIELab	48.24, -35.89, 20.74
CIELCh	48, 41.455, 149.974
Yxy	16.9806, 0.2834, 0.4523
Android (android.graphics.Color)	4281631054 (0xFF34814E)
YUV	100.1630, -10.9264, -42.2390
Hunter-Lab	41.2076, -26.0168, 14.5659

# Details

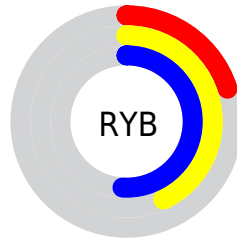
The Hex color **34814E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **813467**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6AB780**, and **004F21** is the 20% darker color. If you saturate the color by 10%, you get **278145**, and if you desaturate by 10%, it is **418157**.

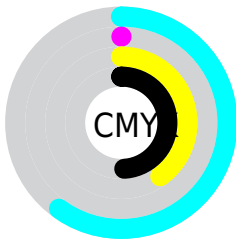
# Distribution



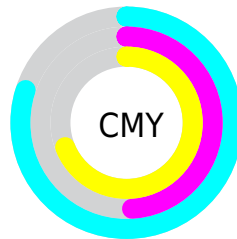
- Red (20%)
- Green (51%)
- Blue (31%)



- Red (20%)
- Yellow (43%)
- Blue (51%)



- Cyan (60%)
- Magenta (0%)
- Yellow (40%)
- Black (49%)



- Cyan (80%)
- Magenta (49%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34814E 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 34814E by changing the saturation by 10% instead.





34814E



34814E

FFFFFF



156737



6AB780



004F21



85D29A



00370B



A0EFB5



002300



BCFFD0



000000



D9FFED



F6FFFF



34814E



34814E



278145



418157

■ 1A813D

■ 4E815F

■ 0D8134

■ 5B8168

■ 00812C

■ 688170

■ 758179

■ 818181

■ 8E818A

■ 9B8192

■ A8819B

# Harmonies

## Analogous

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



637B33



34814E



008471

# Triad

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



34814E



2976B8



B25852

# Complementary

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



34814E



813467

# 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.



B15474



34814E



7469AF

# Square

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



34814E



007FAF



9D5C96



A26436

# Rectangle

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



34814E



008489



9D5C96



B4555D



# Sweetspot

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



34814E



8AA894



678134



425448



D4D4D4



545454



# Same Dimension

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



34814E



2FA858



348174



39403C



00802B



000000



# Inverse Universe

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



813467



A82F7F



813441



40393E



800054



000000



# Previews

## White Background



This preview shows how the Hex color 34814E looks on a white background.

## Color Contrast Check

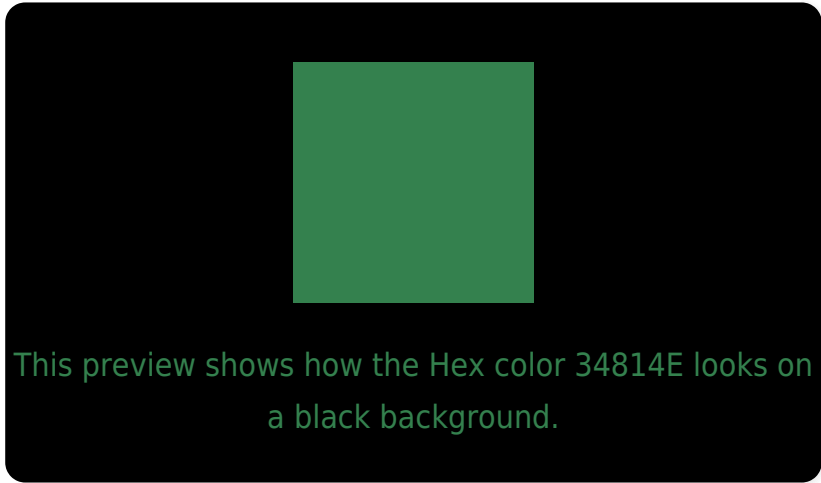
Large Text (above 18pt) WCAG AA ✓ Pass

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 34814E Background



This preview shows how black text looks on a background with the Hex color 34814E.



This preview shows how white text looks on a background with the Hex color 34814E.

# 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**  
34814E

**Protanopia**  
7C7248

**Deuteranopia**  
876D53



**Tritanopia**  
447B84

# Trichromacy



**Original Color**  
34814E

**Protanomaly**  
62774A

**Deuteranomaly**  
697451

**Tritanomaly**  
3E7D70

# Monochromacy



**Original Color**  
34814E

**Achromatopsia**  
646464

**Achromatomaly**  
536F5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34814E 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 #34814E looks like.

```
.text, #text, p{  
    color:#34814E  
}
```

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 #34814E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34814E
}
```

## Border

The CSS property to change the border of an element to Hex 34814E 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
#34814E }
```

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

```
.border{ border-color:#34814E }
```

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

Here you see how a box with a 4 pixel #34814E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34814E; -webkit-box-shadow:4px 4px  
4px 4px #34814E; box-shadow:4px 4px 4px  
4px #34814E }
```

# Background

The CSS property to change the background color of an element to Hex 34814E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34814E }
```

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

```
.background{ background-color:#34814E }
```

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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