

# Converting Colors

Hex(4E835A)

Have a look what the booklet for  
Hex(4E835A) contains.

<b>Hex(4E835A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(4E835A)

# Conversions

## Conversions Part 1

Format	Color
Hex	4E835A
RGB	78, 131, 90
RGB Percent	31%, 51%, 35%
CMY	0.6941, 0.4863, 0.6471
CMYK	0.40, 0.00, 0.31, 0.49
HSL	134°, 25%, 41%
HSV	134°, 40%, 51%
XYZ	13.1036, 18.5905, 12.5705
YIQ	110.4790, -18.4270, -23.9870

# Conversions

## Conversions Part 2

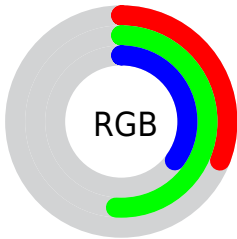
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 121, 131
Decimal	5145434
CIELab	50.20, -27.07, 16.76
CIElCh	50, 31.836, 148.233
Yxy	18.5905, 0.2960, 0.4200
Android (android.graphics.Color)	4283335514 (0xFF4E835A)
YUV	110.4790, -10.0961, -28.4841
Hunter-Lab	43.1167, -21.2060, 12.8958

# Details

The Hex color **4E835A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **834E77**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **81B88C**, and **1C512C** is the 20% darker color. If you saturate the color by 10%, you get **418350**, and if you desaturate by 10%, it is **5B8364**.

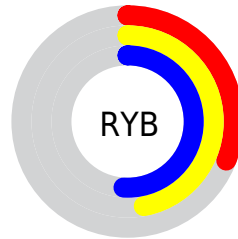
# Distribution



Red (31%)

Green (51%)

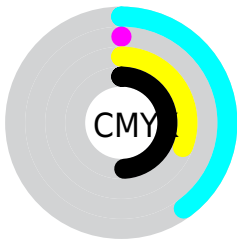
Blue (35%)



Red (31%)

Yellow (47%)

Blue (51%)

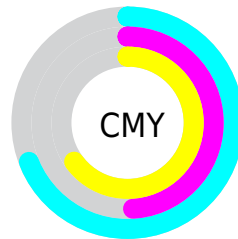


Cyan (40%)

Magenta (0%)

Yellow (31%)

Black (49%)



Cyan (69%)

Magenta (49%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E835A 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 4E835A by changing the saturation by 10% instead.





4E835A



4E835A

FFFFFF



356A42



81B88C



1C512C



9CD4A7



003A17



B8F1C2



002400



D4FFDE



000100



F0FFFB



000000



4E835A



4E835A



418350



5B8364



348346



68836E

 27833C

 758378

 1A8331

 828383

 0C8327

 90838D

 00831E

 9D8397

 AA83A1

 B783AB

 C483B5

# Harmonies

## Analogous

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



6F7D47



4E835A



248675

# Triad

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



4E835A



4B7BAD



AB645F

# Complementary

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



4E835A



834E77

# 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.



A9627A



4E835A



7871A7

# Square

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



4E835A



0282A5



986794



9F6C4A

# Rectangle

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



4E835A



008687



986794



AC6368



# Sweetspot

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



4E835A



96AB9B



78834E



4B574D



D6D6D6



575757



# Same Dimension

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



4E835A



57AB6A



4E8374



3C423D



00821D



000301



# Inverse Universe

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



834E77



AB5798



834E5D



423C41



820065



030002



# Previews

## White Background



This preview shows how the Hex color 4E835A looks on a white background.

## Color Contrast Check

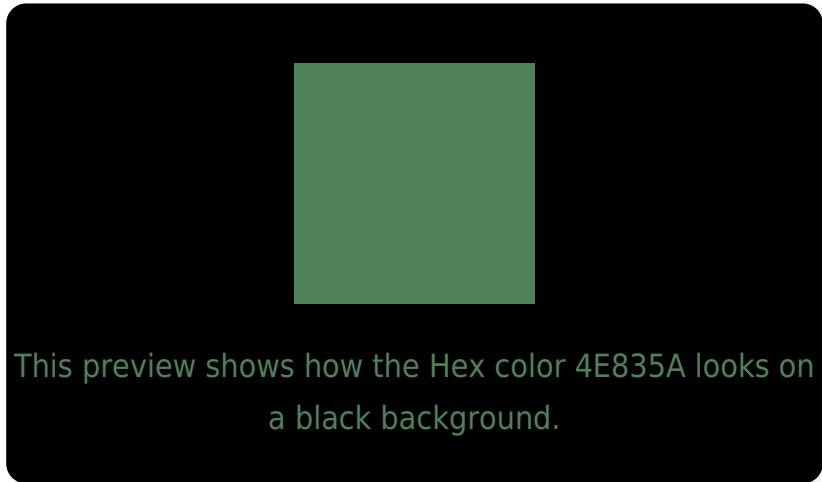
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 4E835A Background



This preview shows how black text looks on a background with the Hex color 4E835A.



This preview shows how white text looks on a background with the Hex color 4E835A.

# 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**  
4E835A

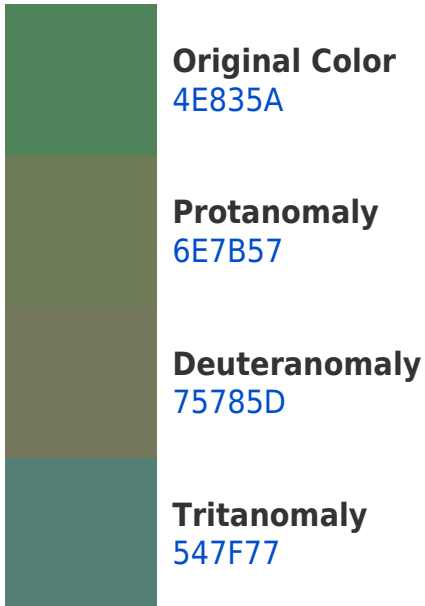
**Protanopia**  
807755

**Deuteranopia**  
8B725E

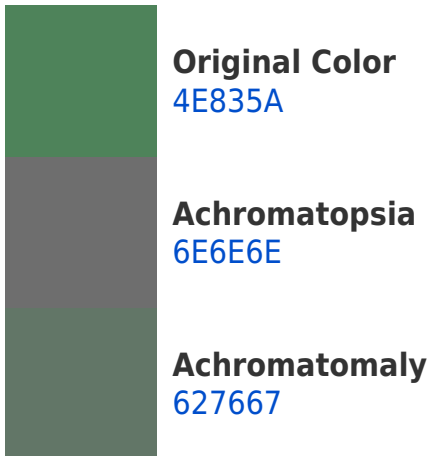


**Tritanopia**  
587D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E835A 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 #4E835A looks like.

```
.text, #text, p{  
    color:#4E835A  
}
```

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 #4E835A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E835A
}
```

## Border

The CSS property to change the border of an element to Hex 4E835A 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".

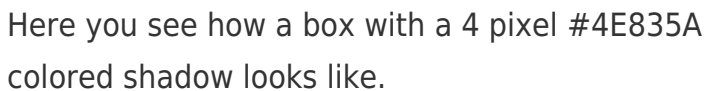
```
.border, #border, table{ border:4px solid
#4E835A }
```

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

```
.border{ border-color:#4E835A }
```

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

Here you see how a box with a 4 pixel #4E835A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E835A; -webkit-box-shadow:4px 4px  
4px 4px #4E835A; box-shadow:4px 4px 4px  
4px #4E835A }
```

# Background

The CSS property to change the background color of an element to Hex 4E835A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E835A }
```

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

```
.background{ background-color:#4E835A }
```

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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