

# Converting Colors

Hex(A3844E)

Have a look what the booklet for  
Hex(A3844E) contains.

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**Color**

**Hex(A3844E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3844E
RGB	163, 132, 78
RGB Percent	64%, 52%, 31%
CMY	0.3608, 0.4824, 0.6941
CMYK	0.00, 0.19, 0.52, 0.36
HSL	38°, 35%, 47%
HSV	38°, 52%, 64%
XYZ	24.7307, 24.8391, 10.6987
YIQ	135.1130, 35.8100, -10.2220

# Conversions

## Conversions Part 2

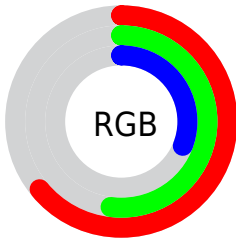
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 163, 78
Decimal	10716238
CIELab	56.92, 4.90, 33.43
CIELCh	57, 33.789, 81.659
Yxy	24.8391, 0.4103, 0.4121
Android (android.graphics.Color)	4288906318 (0xFFA3844E)
YUV	135.1130, -28.1567, 24.4569
Hunter-Lab	49.8389, 1.3559, 22.1597

# Details

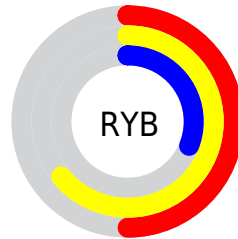
The Hex color **A3844E** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4E6DA3**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **DCB980**, and **6D531F** is the 20% darker color. If you saturate the color by 10%, you get **A37E3E**, and if you desaturate by 10%, it is **A38A5E**.

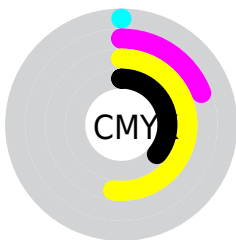
# Distribution



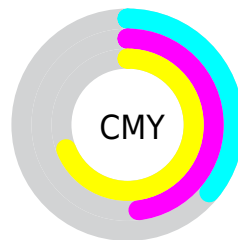
- Red (64%)
- Green (52%)
- Blue (31%)



- Red (50%)
- Yellow (64%)
- Blue (31%)



- Cyan (0%)
- Magenta (19%)
- Yellow (52%)
- Black (36%)



- Cyan (36%)
- Magenta (48%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3844E 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 A3844E by changing the saturation by 10% instead.





A3844E



A3844E

FFFFFF



886B36



DCB980



6D531F



F9D59A



533C07



FFF1B6



3A2600



FFFFD1



221200



FFFEE



000000



A3844E



A3844E



A37E3E



A38A5E



A3782D



A3906F

 A3721D

 A3967F

 A36C0D

 A39C8F

 A36800

 A3A2A0

 A3A8B0

 A3AEC0

 A3B4D0

 A3BAE1

# Harmonies

## Analogous

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



B87A5B



A3844E



868D51

# Triad

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



A3844E



00989D



A679AD

# Complementary

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



A3844E



4E6DA3

# 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.



8084BF



A3844E



0395B6

# Square

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



A3844E



3C987F



4D8EC2



BC7292

# Rectangle

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



A3844E



70925B



4D8EC2



9B7DB5



# Sweetspot

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



A3844E



D4C7B2



A34E6D



6B6457



EBEBEB



6B6B6B



# Same Dimension

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



A3844E



D4A34E



98A34E



524F49



915C00



120B00



# Inverse Universe

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



4E6DA3



4E7FD4



594EA3



494C52



003591



000712



# Previews

## White Background



This preview shows how the Hex color A3844E looks on a white background.

## Color Contrast Check

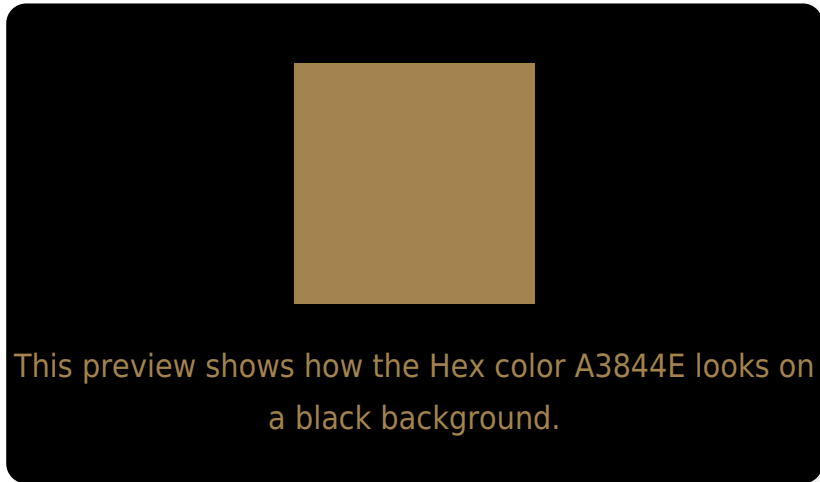
Large Text (above 18pt) WCAG AA ✓ Pass

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

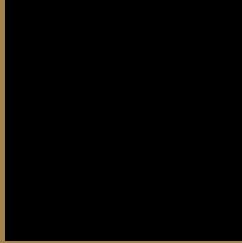
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A3844E Background



This preview shows how black text looks on a background with the Hex color A3844E.



This preview shows how white text looks on a background with the Hex color A3844E.

# 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**  
A3844E

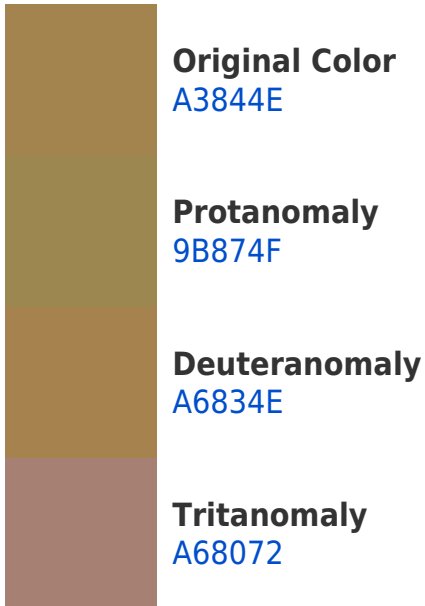
**Protanopia**  
968950

**Deuteranopia**  
A7824E

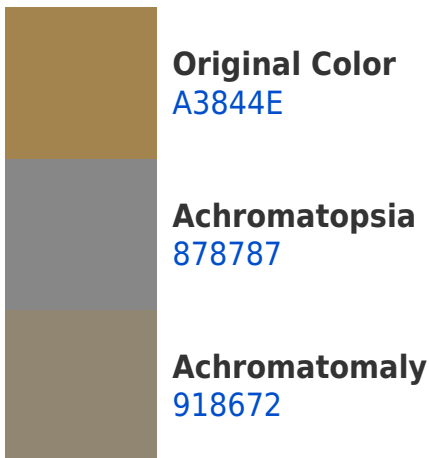


**Tritanopia**  
A87D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3844E 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 #A3844E looks like.

```
.text, #text, p{  
    color:#A3844E  
}
```

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 #A3844E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3844E
}
```

## Border

The CSS property to change the border of an element to Hex A3844E 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
#A3844E }
```

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

```
.border{ border-color:#A3844E }
```

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

Here you see how a box with a 4 pixel #A3844E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3844E; -webkit-box-shadow:4px 4px  
4px 4px #A3844E; box-shadow:4px 4px 4px  
4px #A3844E }
```

# Background

The CSS property to change the background color of an element to Hex A3844E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3844E }
```

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

```
.background{ background-color:#A3844E }
```

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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