

Converting Colors

Hex(A3872E)

Have a look what the booklet for
Hex(A3872E) contains.

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Color

Hex(A3872E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | A3872E |
| RGB | 163, 135, 46 |
| RGB Percent | 64%, 53%, 18% |
| CMY | 0.3608, 0.4706, 0.8196 |
| CMYK | 0.00, 0.17, 0.72, 0.36 |
| HSL | 46°, 56%, 41% |
| HSV | 46°, 72%, 64% |
| XYZ | 24.2614, 25.3117, 6.1917 |
| YIQ | 133.2260, 45.2570, -21.7430 |

Conversions

Conversions Part 2

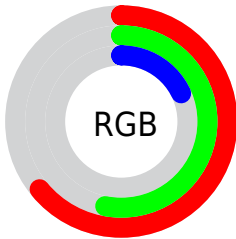
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 83, 163, 46 |
| Decimal | 10716974 |
| CIELab | 57.38, 0.89, 49.60 |
| CIELCh | 57, 49.612, 88.974 |
| Yxy | 25.3117, 0.4351, 0.4539 |
| Android (android.graphics.Color) | 4288907054 (0xFFA3872E) |
| YUV | 133.2260, -43.0024, 26.1118 |
| Hunter-Lab | 50.3108, -1.9657, 27.9208 |

Details

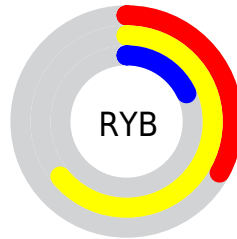
The Hex color **A3872E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2E4AA3**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **DDBC61**, and **6C5600** is the 20% darker color. If you saturate the color by 10%, you get **A3831E**, and if you desaturate by 10%, it is **A38B3E**.

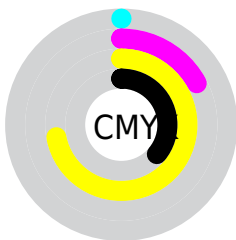
Distribution



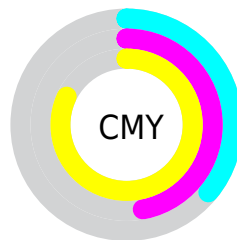
- Red (64%)
- Green (53%)
- Blue (18%)



- Red (33%)
- Yellow (64%)
- Blue (18%)



- Cyan (0%)
- Magenta (17%)
- Yellow (72%)
- Black (36%)



- Cyan (36%)
- Magenta (47%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3872E 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 A3872E by changing the saturation by 10% instead.

 A3872E

 A3872E

FFFFFF

 876E12

 DDBC61

 6C5600

 FBD87B

 513F00

 FFF496

 372900

 FFFFB2

 1E1500

 FFFFCE

 000000

 FFFFEA

 A3872E

 A3872E

 A3831E

 A38B3E

 A37F0D

 A38F4F

 A37C00

 A3935F

 A3976F

 A39B7F

 A39E90

 A3A2A0

 A3A6B0

 A3AAC1

Harmonies

Analogous

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



C47740



A3872E



789439

Triad

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



A3872E



009FB2



BD6DB7

Complementary

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



A3872E



2E4AA3

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.



897FD6



A3872E



009AD3

Square

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



A3872E



009F87



1E8FE0



D7638D

Rectangle

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



A3872E



54994E



1E8FE0



AF73C3

Sweetspot

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



A3872E



D4C9A5



A32E4B



6B644F



EBEBEB



6B6B6B

Same Dimension

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



A3872E



D4A81E



86A32E



525049



916F00



120E00

Inverse Universe

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



2E4AA3



1E49D4



4B2EA3



494B52



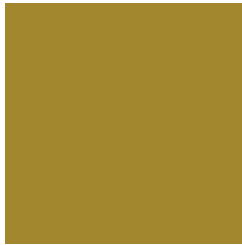
002391



000412

Previews

White Background



This preview shows how the Hex color A3872E looks on a white background.

Color Contrast Check

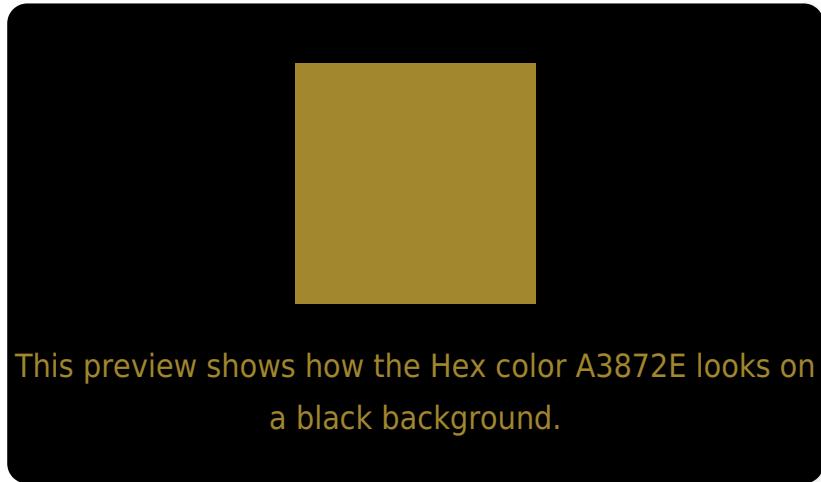
Large Text (above 18pt) WCAG AA ✓ Pass

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 A3872E Background



This preview shows how black text looks on a background with the Hex color A3872E.



This preview shows how white text looks on a background with the Hex color A3872E.

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
A3872E

Protanopia
9A8A2F

Deuteranopia
AC832F

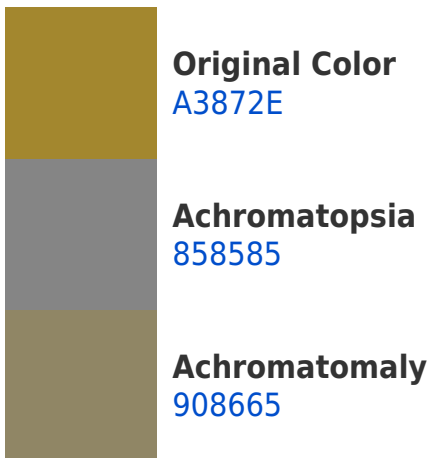


Tritanopia
AA7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3872E 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 #A3872E looks like.

```
.text, #text, p{  
    color:#A3872E  
}
```

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 #A3872E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3872E
}
```

Border

The CSS property to change the border of an element to Hex A3872E 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
#A3872E }
```

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

```
.border{ border-color:#A3872E }
```

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

Here you see how a box with a 4 pixel #A3872E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3872E; -webkit-box-shadow:4px 4px  
4px 4px #A3872E; box-shadow:4px 4px 4px  
4px #A3872E }
```

Background

The CSS property to change the background color of an element to Hex A3872E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3872E }
```

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

```
.background{ background-color:#A3872E }
```

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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