

# Converting Colors

Hex(A3892E)

Have a look what the booklet for  
Hex(A3892E) contains.

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**Color**

**Hex(A3892E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3892E
RGB	163, 137, 46
RGB Percent	64%, 54%, 18%
CMY	0.3608, 0.4627, 0.8196
CMYK	0.00, 0.16, 0.72, 0.36
HSL	47°, 56%, 41%
HSV	47°, 72%, 64%
XYZ	24.5431, 25.8751, 6.2856
YIQ	134.4000, 44.7070, -22.7890

# Conversions

## Conversions Part 2

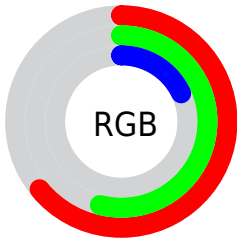
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 163, 46
Decimal	10717486
CIE Lab	57.92, -0.22, 50.15
CIE LCh	58, 50.149, 90.249
Yxy	25.8751, 0.4328, 0.4563
Android (android.graphics.Color)	4288907566 (0xFFA3892E)
YUV	134.4000, -43.5812, 25.0822
Hunter-Lab	50.8676, -2.8939, 28.2810

# Details

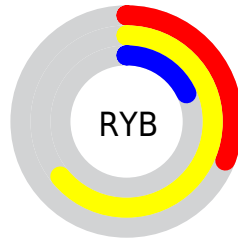
The Hex color **A3892E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2E48A3**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **DDBE61**, and **6C5800** is the 20% darker color. If you saturate the color by 10%, you get **A3851E**, and if you desaturate by 10%, it is **A38D3E**.

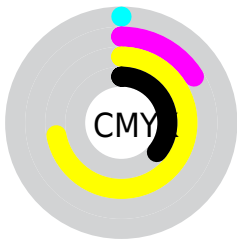
# Distribution



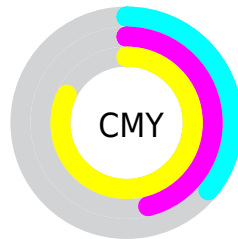
- Red (64%)
- Green (54%)
- Blue (18%)



- Red (31%)
- Yellow (64%)
- Blue (18%)



- Cyan (0%)
- Magenta (16%)
- Yellow (72%)
- Black (36%)



- Cyan (36%)
- Magenta (46%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3892E 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 A3892E by changing the saturation by 10% instead.



 A3892E

 A3892E

FFFFFF

 877012

 DDBE61

 6C5800

 FADA7C

 514000

 FFF696

 372B00

 FFFFB2

 1F1700

 FFFFCE

 000000

 FFFFEB

 A3892E

 A3892E

 A3851E

 A38D3E

 A3820D

 A3904F

 A37F00

 A3945F

 A3976F

 A39B7F

 A39F90

 A3A2A0

 A3A6B0

 A3AAC1

# Harmonies

## Analogous

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



C5793F



A3892E



77953B

# Triad

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



A3892E



00A0B6



C16EB7

# Complementary

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



A3892E



2E48A3

# 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.



8D7FD7



A3892E



009BD7

# Square

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



A3892E



00A18A



2890E3



DA648D

# Rectangle

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



A3892E



529B51



2890E3



B373C4



# Sweetspot

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



A3892E



D4C9A5



A32E49



6B654F



EBEBEB



6B6B6B



# Same Dimension

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



A3892E



D4AB1E



84A32E



525049



917100



120E00



# Inverse Universe

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



2E48A3



1E46D4



4D2EA3



494B52



002091

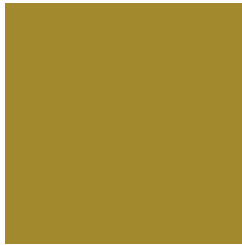


000412



# Previews

## White Background



This preview shows how the Hex color A3892E looks on a white background.

## Color Contrast Check

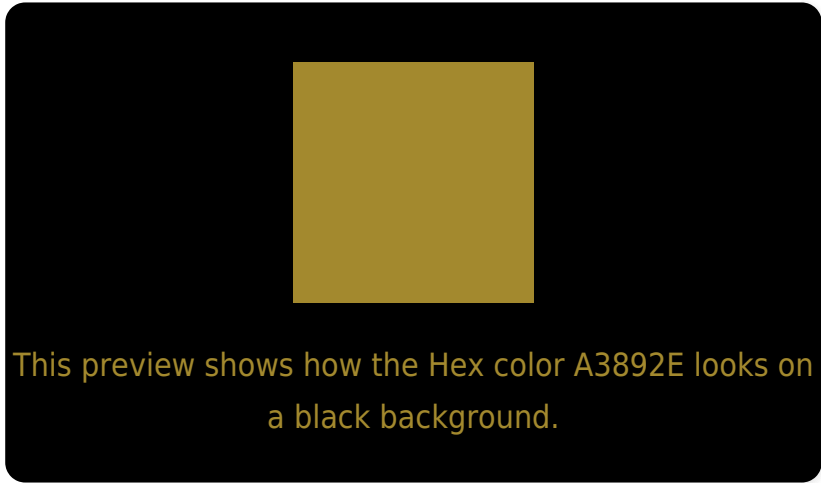
Large Text (above 18pt) WCAG AA ✓ Pass

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 A3892E Background



This preview shows how black text looks on a background with the Hex color A3892E.



This preview shows how white text looks on a background with the Hex color A3892E.

# 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**  
A3892E

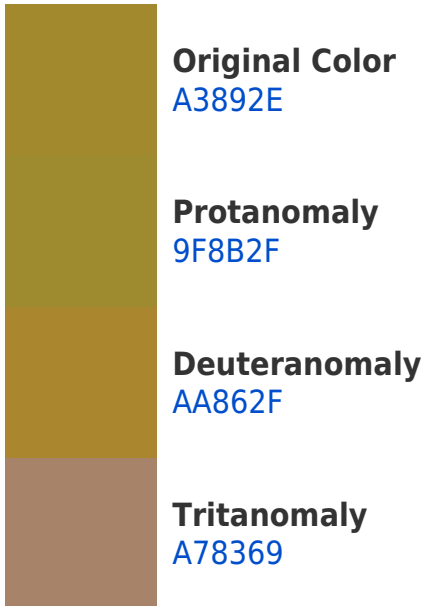
**Protanopia**  
9C8C2F

**Deuteranopia**  
AE8430

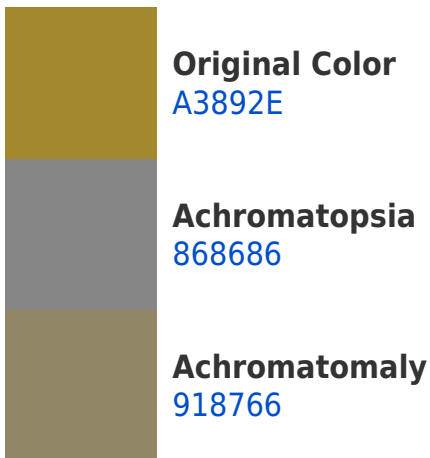


**Tritanopia**  
AA808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3892E 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 #A3892E looks like.

```
.text, #text, p{  
    color:#A3892E  
}
```

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 #A3892E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3892E
}
```

## Border

The CSS property to change the border of an element to Hex A3892E 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
#A3892E }
```

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

```
.border{ border-color:#A3892E }
```

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

Here you see how a box with a 4 pixel #A3892E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3892E; -webkit-box-shadow:4px 4px  
4px 4px #A3892E; box-shadow:4px 4px 4px  
4px #A3892E }
```

# Background

The CSS property to change the background color of an element to Hex A3892E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3892E }
```

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

```
.background{ background-color:#A3892E }
```

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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