

# Converting Colors

Hex(A3480A)

Have a look what the booklet for  
Hex(A3480A) contains.

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**Color**

**Hex(A3480A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>             |
|---------------|--------------------------|
| Hex           | A3480A                   |
| RGB           | 163, 72, 10              |
| RGB Percent   | 64%, 28%, 4%             |
| CMY           | 0.3608, 0.7176, 0.9608   |
| CMYK          | 0.00, 0.56, 0.94, 0.36   |
| HSL           | 24°, 88%, 34%            |
| HSV           | 24°, 94%, 64%            |
| XYZ           | 17.4764, 12.4432, 1.7678 |
| YIQ           | 92.1410, 74.1380, 0.0100 |

# Conversions

## Conversions Part 2

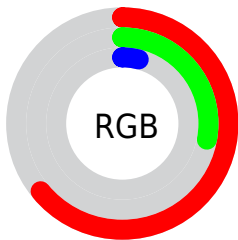
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 163, 114, 10                  |
| Decimal                             | 10700810                      |
| CIE <sub>Lab</sub>                  | 41.91, 34.70, 49.20           |
| CIE <sub>LCh</sub>                  | 42, 60.210, 54.808            |
| Yxy                                 | 12.4432, 0.5515,<br>0.3927    |
| Android<br>(android.graphics.Color) | 4288890890<br>(0xFFA3480A)    |
| YUV                                 | 92.1410, -40.4955,<br>62.1433 |
| Hunter-Lab                          | 35.2749, 26.7041,<br>21.7211  |

# Details

The Hex color **A3480A** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0A65A3**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **E07B3E**, and **681600** is the 20% darker color. If you saturate the color by 10%, you get **A34200**, and if you desaturate by 10%, it is **A3521A**.

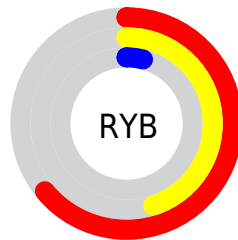
# Distribution



Red (64%)

Green (28%)

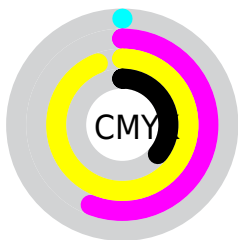
Blue (4%)



Red (64%)

Yellow (45%)

Blue (4%)

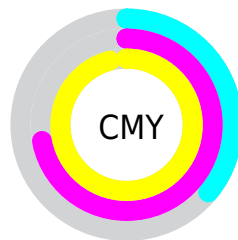


Cyan (0%)

Magenta (56%)

Yellow (94%)

Black (36%)



Cyan (36%)

Magenta (72%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3480A 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 A3480A by changing the saturation by 10% instead.



 A3480A

 A3480A

 FFFFFA

 852F00

 E07B3E

 681600

 FF9557

 4B0000

 FFB071

 310001

 FFCC8B

 000000

 FFE9A6

 FFFFC1

 FFFFDE

 A3480A

 A3480A

■ A34200

■ A3521A

■ A35B2B

■ A3653B

■ A36F4B

■ A3785C

■ A3826C

■ A38C7C

■ A3968C

■ A39F9D

# Harmonies

## Analogous

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



B72F3D



A3480A



7F5E00

# Triad

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



A3480A



007858



4B5ABE

# Complementary

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



A3480A



0A65A3

# 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.



006CC7



A3480A



00798B

# Square

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



A3480A



007424



0075B4



95409D

# Rectangle

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



A3480A



616800



0075B4



0061C4



# Sweetspot

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



A3480A



D4B098



A30A66



6B5547



EBEBEB



6B6B6B



# Same Dimension

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



A3480A



D45600



A3940A



524D49



913B00



120700



# Inverse Universe

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



0A65A3



007ED4



0A19A3



494E52



005691



000B12



# Previews

## White Background



This preview shows how the Hex color A3480A looks on a white background.

## Color Contrast Check

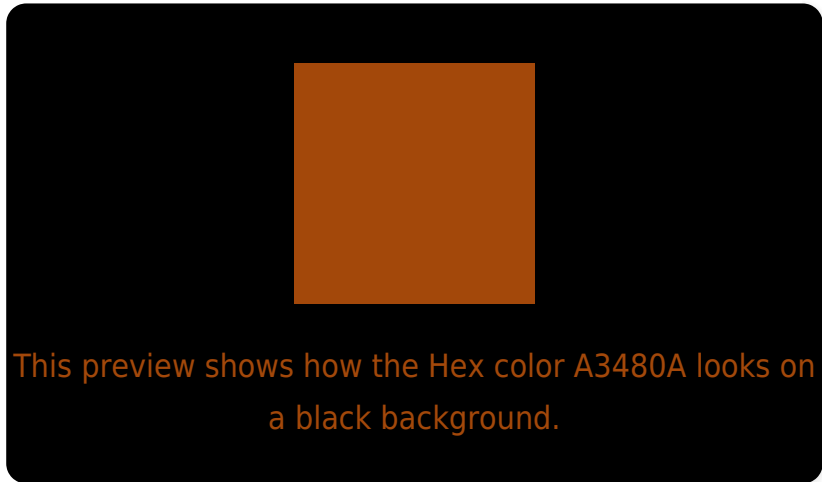
Large Text (above 18pt) WCAG AA ✓ Pass

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 A3480A Background



This preview shows how black text looks on a background with the Hex color A3480A.



This preview shows how white text looks on a background with the Hex color A3480A.

# 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**  
A3480A

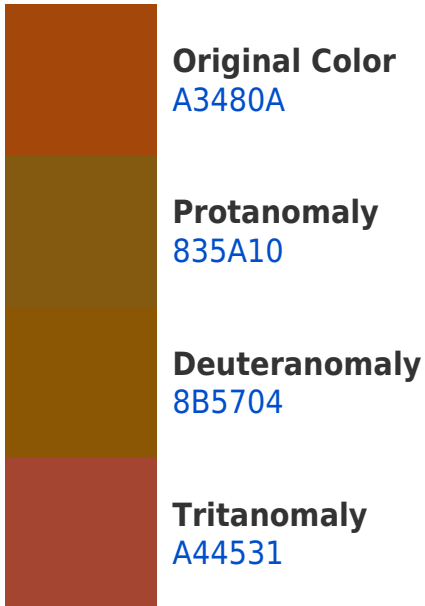
**Protanopia**  
706413

**Deuteranopia**  
7E5F00



**Tritanopia**  
A54347

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3480A 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 #A3480A looks like.

```
.text, #text, p{  
    color:#A3480A  
}
```

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 #A3480A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3480A
}
```

## Border

The CSS property to change the border of an element to Hex A3480A 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".

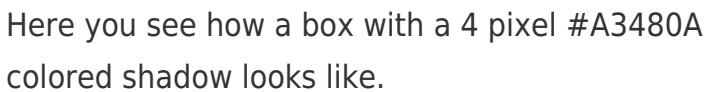
```
.border, #border, table{ border:4px solid
#A3480A }
```

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

```
.border{ border-color:#A3480A }
```

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

Here you see how a box with a 4 pixel #A3480A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3480A; -webkit-box-shadow:4px 4px  
4px 4px #A3480A; box-shadow:4px 4px 4px  
4px #A3480A }
```

# Background

The CSS property to change the background color of an element to Hex A3480A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3480A }
```

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

```
.background{ background-color:#A3480A }
```

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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