

# Converting Colors

Hex(A3790B)

Have a look what the booklet for  
Hex(A3790B) contains.

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**Color**

**Hex(A3790B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3790B
RGB	163, 121, 11
RGB Percent	64%, 47%, 4%
CMY	0.3608, 0.5255, 0.9569
CMYK	0.00, 0.26, 0.93, 0.36
HSL	43°, 87%, 34%
HSV	43°, 93%, 64%
XYZ	22.0020, 21.4854, 3.3041
YIQ	121.0180, 60.3420, -25.3060

# Conversions

## Conversions Part 2

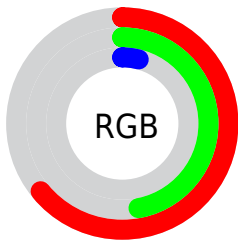
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 163, 11
Decimal	10713355
CIELab	53.48, 7.54, 57.41
CIElCh	53, 57.898, 82.521
Yxy	21.4854, 0.4702, 0.4592
Android (android.graphics.Color)	4288903435 (0xFFA3790B)
YUV	121.0180, -54.2389, 36.8182
Hunter-Lab	46.3524, 3.6117, 28.2204

# Details

The Hex color **A3790B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0B35A3**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **DEAD47**, and **6B4900** is the 20% darker color. If you saturate the color by 10%, you get **A37600**, and if you desaturate by 10%, it is **A37E1B**.

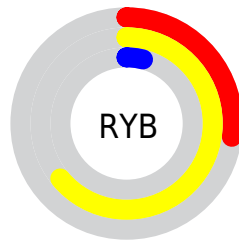
# Distribution



Red (64%)

Green (47%)

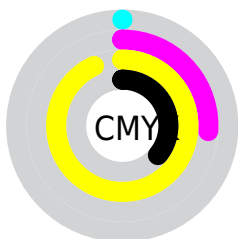
Blue (4%)



Red (27%)

Yellow (64%)

Blue (4%)

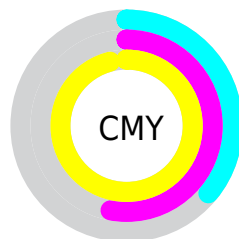


Cyan (0%)

Magenta (26%)

Yellow (93%)

Black (36%)



Cyan (36%)

Magenta (53%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3790B 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 A3790B by changing the saturation by 10% instead.



 A3790B

 A3790B

FFFFFF

 866000

 DEAD47

 6B4900

 FCC861

 4F3300

 FFE47C

 341E00

 FFFF97

 1C0600

 FFFFB3

 000000

 FFFFCE

 FFFFEC

 A3790B

 A3790B

■ A37600

■ A37E1B

■ A3822C

■ A3873C

■ A38B4C

■ A3905D

■ A3946D

■ A3997D

■ A39D8D

■ A3A29E

# Harmonies

## Analogous

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



C66530



A3790B



748814

# Triad

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



A3790B



0097A5



B061BD

# Complementary

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



A3790B



0B35A3

# 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.



6778DC



A3790B



0093CE

# Square

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



A3790B



009671



0089E3



D3508E

# Rectangle

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



A3790B



4D8F30



0089E3



9D69CA



# Sweetspot

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



A3790B



D4C398



A30B36



6B6147



EBEBEB



6B6B6B



# Same Dimension

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



A3790B



D49900



82A30B



524F49



916900



120D00



# Inverse Universe

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



0B35A3



003AD4



2C0BA3



494C52



002891

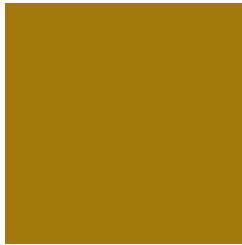


000512



# Previews

## White Background



This preview shows how the Hex color A3790B looks on a white background.

## Color Contrast Check

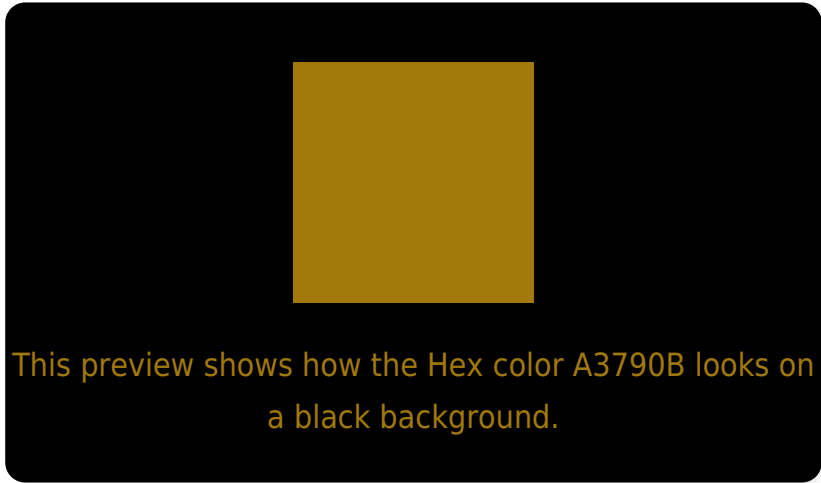
Large Text (above 18pt) WCAG AA ✓ Pass

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 A3790B Background



This preview shows how black text looks on a background with the Hex color A3790B.



This preview shows how white text looks on a background with the Hex color A3790B.

# 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**  
A3790B

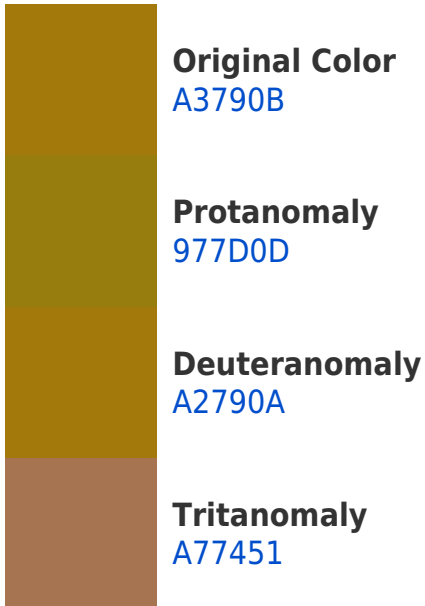
**Protanopia**  
90800E

**Deuteranopia**  
A2790A

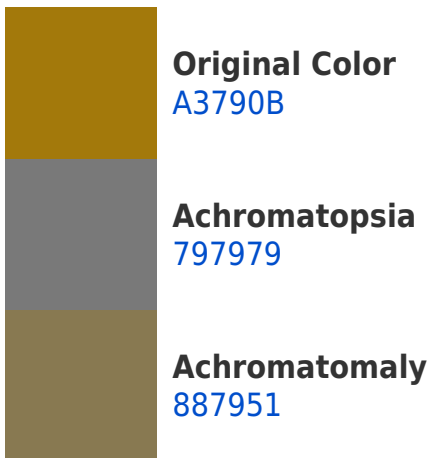


**Tritanopia**  
A97179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3790B 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 #A3790B looks like.

```
.text, #text, p{  
    color:#A3790B  
}
```

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 #A3790B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3790B  
}
```

## Border

The CSS property to change the border of an element to Hex A3790B 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  
#A3790B }
```

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

```
.border{ border-color:#A3790B }
```

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

Here you see how a box with a 4 pixel #A3790B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3790B; -webkit-box-shadow:4px 4px  
4px 4px #A3790B; box-shadow:4px 4px 4px  
4px #A3790B }
```

# Background

The CSS property to change the background color of an element to Hex A3790B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3790B }
```

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

```
.background{ background-color:#A3790B }
```

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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