

# Converting Colors

Hex(AA7801)

Have a look what the booklet for  
Hex(AA7801) contains.

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**Color**

**Hex(AA7801)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA7801
RGB	170, 120, 1
RGB Percent	67%, 47%, 0%
CMY	0.3333, 0.5294, 0.9961
CMYK	0.00, 0.29, 0.99, 0.33
HSL	42°, 99%, 34%
HSV	42°, 99%, 67%
XYZ	23.2995, 21.9812, 3.0435
YIQ	121.3840, 67.9990, -26.4090

# Conversions

## Conversions Part 2

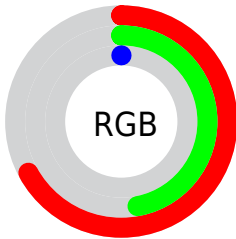
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">72, 170, 1</a>
Decimal	<a href="#">11171841</a>
CIELab	<a href="#">54.01, 11.17, 60.00</a>
CIElCh	<a href="#">54, 61.036, 79.455</a>
Yxy	<a href="#">21.9812, 0.4822, 0.4549</a>
Android (android.graphics.Color)	<a href="#">4289361921 (0xFFAA7801)</a>
YUV	<a href="#">121.3840, -59.3493, 42.6362</a>
Hunter-Lab	<a href="#">46.8841, 6.6602, 28.9700</a>

# Details

The Hex color **AA7801** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0133AA**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **E6AC43**, and **714800** is the 20% darker color. If you saturate the color by 10%, you get **AA7800**, and if you desaturate by 10%, it is **AA7D12**.

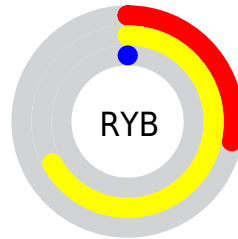
# Distribution



Red (67%)

Green (47%)

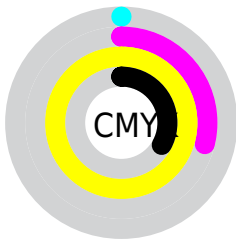
Blue (0%)



Red (28%)

Yellow (67%)

Blue (0%)

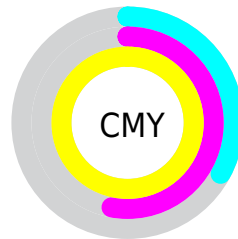


Cyan (0%)

Magenta (29%)

Yellow (99%)

Black (33%)



Cyan (33%)

Magenta (53%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA7801 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 AA7801 by changing the saturation by 10% instead.





AA7801



AA7801

FFFFFF



8D5F00



E6AC43



714800



FFC75D



543200



FFE378



3A1D00



FFFF93



220500



FFFFAF



000000



FFFFCB



FFFFE8



AA7801



AA7801

■ AA7800

■ AA7D12

■ AA8223

■ AA8734

■ AA8C45

■ AA9156

■ AA9667

■ AA9B78

■ AAA089

■ AAA59A

# Harmonies

## Analogous

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



CE6231



AA7801



7A8903

# Triad

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



AA7801



009AA3



AE63C6

# Complementary

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



AA7801



0133AA

# 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.



597BE5



AA7801



0096D0

# Square

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



AA7801



00986C



008DE9



D64E96

# Rectangle

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



AA7801



519027



008DE9



986BD3



# Sweetspot

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



AA7801



DECA9B



AA0134



706448



F0F0F0



707070



# Same Dimension

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



AA7801



DE9C00



88AA01



54524C



946800



140E00



# Inverse Universe

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



0133AA



0042DE



2301AA



4C4E54



002C94



000614



# Previews

## White Background



This preview shows how the Hex color AA7801 looks on a white background.

## Color Contrast Check

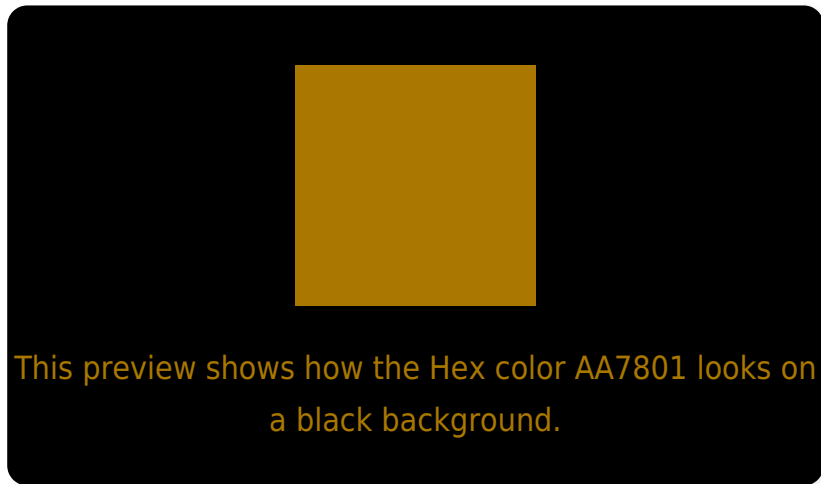
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA7801 Background



This preview shows how black text looks on a background with the Hex color AA7801.



This preview shows how white text looks on a background with the Hex color AA7801.

# 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**  
AA7801

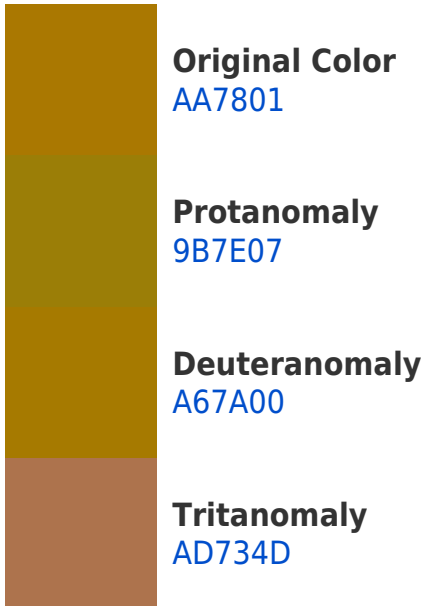
**Protanopia**  
92820A

**Deuteranopia**  
A47B00

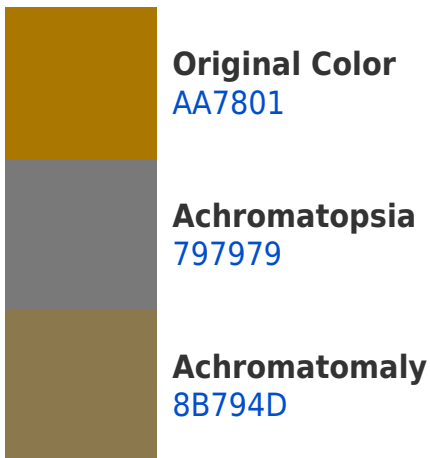


**Tritanopia**  
AF7078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA7801 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 #AA7801 looks like.

```
.text, #text, p{  
    color:#AA7801  
}
```

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 #AA7801 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7801  
}
```

## Border

The CSS property to change the border of an element to Hex AA7801 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  
#AA7801 }
```

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

```
.border{ border-color:#AA7801 }
```

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

Here you see how a box with a 4 pixel #AA7801 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7801; -webkit-box-shadow:4px 4px  
4px 4px #AA7801; box-shadow:4px 4px 4px  
4px #AA7801 }
```

# Background

The CSS property to change the background color of an element to Hex AA7801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7801 }
```

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

```
.background{ background-color:#AA7801 }
```

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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