

Converting Colors

Hex(AA7700)

Have a look what the booklet for
Hex(AA7700) contains.

Hex(AA7700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AA7700)

Conversions

Conversions Part 1

Format	Color
Hex	AA7700
RGB	170, 119, 0
RGB Percent	67%, 47%, 0%
CMY	0.3333, 0.5333, 1.0000
CMYK	0.00, 0.30, 1.00, 0.33
HSL	42°, 100%, 33%
HSV	42°, 100%, 67%
XYZ	23.1744, 21.7397, 2.9748
YIQ	120.6830, 68.5950, -26.1970

Conversions

Conversions Part 2

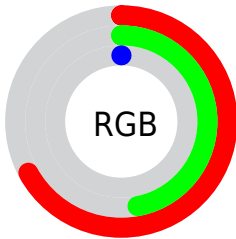
Format	Color
R_YB	73, 170, 0
Decimal	11171584
CIE Lab	53.75, 11.72, 60.02
CIE LCh	54, 61.155, 78.953
Yxy	21.7397, 0.4839, 0.4540
Android (android.graphics.Color)	4289361664 (0xFFAA7700)
YUV	120.6830, -59.4967, 43.2510
Hunter-Lab	46.6259, 7.1244, 28.8554

Details

The Hex color **AA7700** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0033AA**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **E6AB42**, and **714700** is the 20% darker color. If you saturate the color by 10%, you get **AA7700**, and if you desaturate by 10%, it is **AA7C11**.

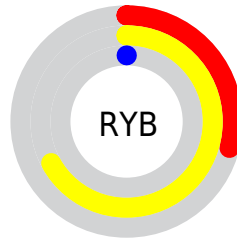
Distribution



Red (67%)

Green (47%)

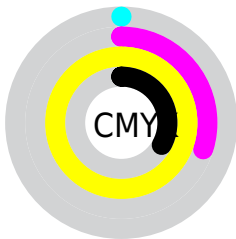
Blue (0%)



Red (29%)

Yellow (67%)

Blue (0%)

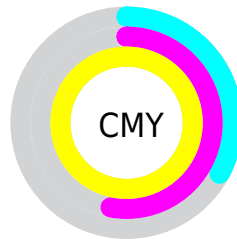


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA7700 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 AA7700 by changing the saturation by 10% instead.

 AA7700

 AA7700

FFFFFF

 8D5E00

 E6AB42

 714700

 FFC65D

 543100

 FFE277

 3A1C00

 FFFF93

 220400

 FFFFAE

 000000

 FFFFCA

 FFFFE7

 AA7700

 AA7C11

 AA8122

 AA8633

 AA8B44

 AA9155

 AA9666

 AA9B77

 AAA088

 AAA599

Harmonies

Analogous

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



CD6131



AA7700



7A8800

Triad

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



AA7700



0099A1



AC63C6

Complementary

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



AA7700



0033AA

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.



567BE5



AA7700



0096CF

Square

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



AA7700



00986A



008CE8



D54D96

Rectangle

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



AA7700



529025



008CE8



966BD3

Sweetspot

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



AA7700



DECA9B



AA0033



706448



F0F0F0



707070

Same Dimension

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



AA7700



DE9B00



88AA00



54524C



946800



140E00

Inverse Universe

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



0033AA



0043DE



2200AA



4C4E54



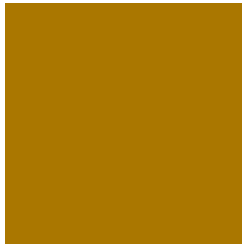
002C94



000614

Previews

White Background



This preview shows how the Hex color AA7700 looks on a white background.

Color Contrast Check

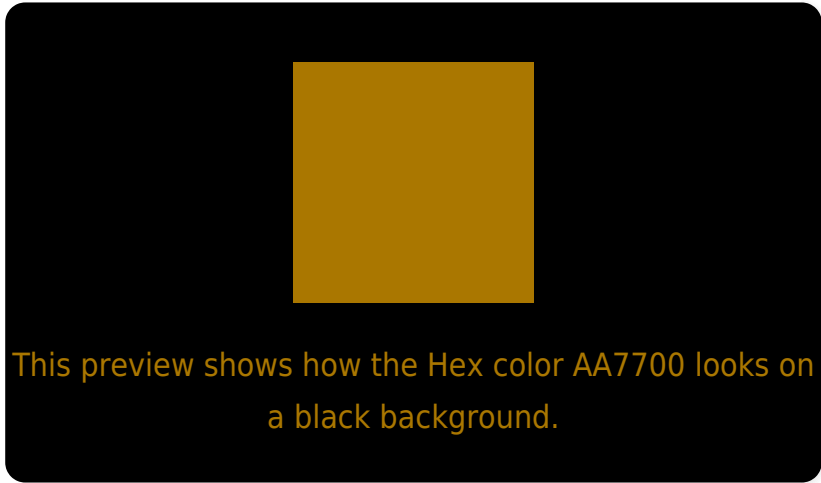
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA7700 Background



This preview shows how black text looks on a background with the Hex color AA7700.



This preview shows how white text looks on a background with the Hex color AA7700.

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
AA7700

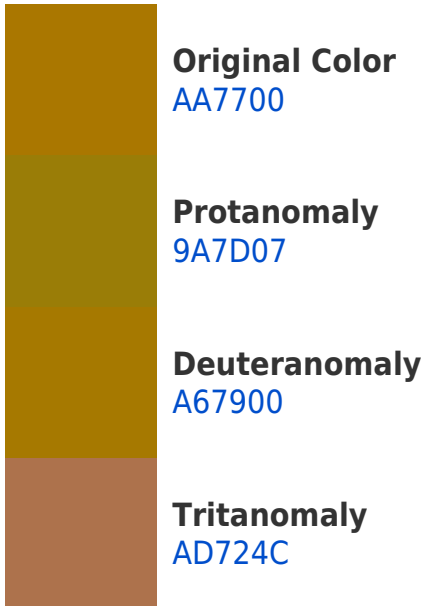
Protanopia
91810B

Deuteranopia
A37A00

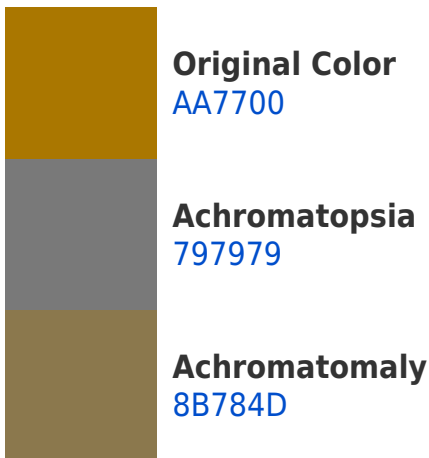


Tritanopia
AF6F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA7700 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 #AA7700 looks like.

```
.text, #text, p{  
    color:#AA7700  
}
```

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 #AA7700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7700
}
```

Border

The CSS property to change the border of an element to Hex AA7700 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
#AA7700 }
```

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

```
.border{ border-color:#AA7700 }
```

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

Here you see how a box with a 4 pixel #AA7700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7700; -webkit-box-shadow:4px 4px  
4px 4px #AA7700; box-shadow:4px 4px 4px  
4px #AA7700 }
```

Background

The CSS property to change the background color of an element to Hex AA7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7700 }
```

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

```
.background{ background-color:#AA7700 }
```

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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