

# Converting Colors

Hex(AF7839)

Have a look what the booklet for  
Hex(AF7839) contains.

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**Color**

**Hex(AF7839)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF7839
RGB	175, 120, 57
RGB Percent	69%, 47%, 22%
CMY	0.3137, 0.5294, 0.7765
CMYK	0.00, 0.31, 0.67, 0.31
HSL	32°, 51%, 45%
HSV	32°, 67%, 69%
XYZ	25.1342, 22.8423, 6.9552
YIQ	129.2630, 53.0030, -7.9330

# Conversions

## Conversions Part 2

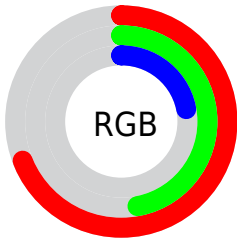
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 175, 57
Decimal	11499577
CIELab	54.91, 15.29, 42.31
CIELCh	55, 44.986, 70.134
Yxy	22.8423, 0.4576, 0.4158
Android (android.graphics.Color)	4289689657 (0xFFAF7839)
YUV	129.2630, -35.6257, 40.1113
Hunter-Lab	47.7936, 10.2325, 24.8273

# Details

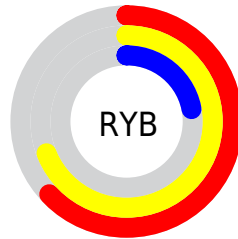
The Hex color **AF7839** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3970AF**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **EAAC6B**, and **764706** is the 20% darker color. If you saturate the color by 10%, you get **AF7027**, and if you desaturate by 10%, it is **AF804B**.

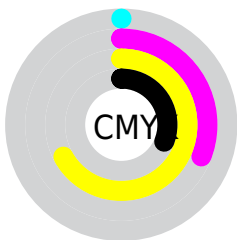
# Distribution



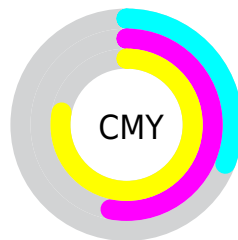
- Red (69%)
- Green (47%)
- Blue (22%)



- Red (63%)
- Yellow (69%)
- Blue (22%)



- Cyan (0%)
- Magenta (31%)
- Yellow (67%)
- Black (31%)



- Cyan (31%)
- Magenta (53%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF7839 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 AF7839 by changing the saturation by 10% instead.



 AF7839

 AF7839

FFFFFF

 925F21

 EAAC6B

 764706

 FFC885

 5B3100

 FFE49F

 401C00

 FFFFBB

 270500

 FFFFD7

 000000

 FFFFF3

 AF7839

 AF7839

 AF7027

 AF804B

 AF6816

 AF885C

 AF6004

 AF906E

 AF5D00

 AF997F

 AFA191

 AFA9A2

 AFB1B4

 AFB9C5

 AFC1D7

# Harmonies

## Analogous

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



C66A53



AF7839



8D8633

# Triad

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



AF7839



009790



9774BF

# Complementary

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



AF7839



3970AF

# 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.



5783D0



AF7839



0095B5

# Square

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



AF7839



229568



008FCC



BD669F

# Rectangle

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



AF7839



728D3D



008FCC



8579C7



# Sweetspot

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



AF7839



E3CEB6



AF3970



736657



F2F2F2



737373



# Same Dimension

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



AF7839



E38D2B



ABAF39



57534E



965000



170C00



# Inverse Universe

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



3970AF



2B81E3



3D39AF



4E5257



004696

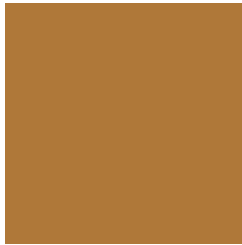


000B17



# Previews

## White Background



This preview shows how the Hex color AF7839 looks on a white background.

## Color Contrast Check

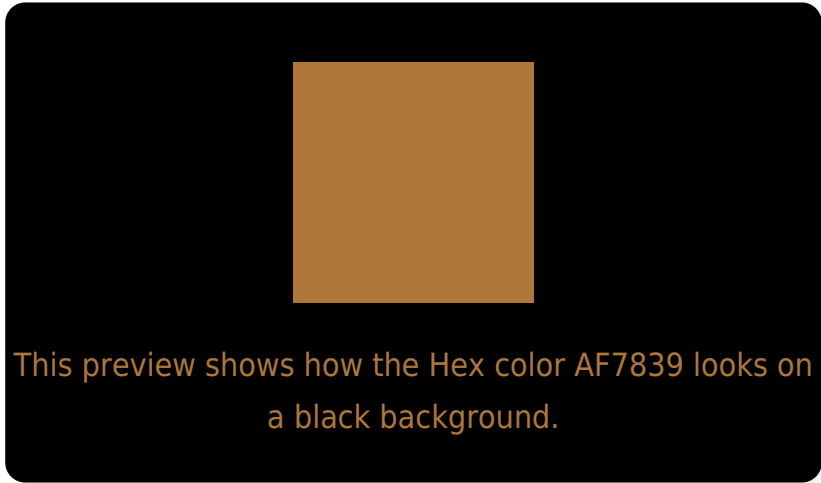
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF7839 Background



This preview shows how black text looks on a background with the Hex color AF7839.



This preview shows how white text looks on a background with the Hex color AF7839.

# 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**  
AF7839

**Protanopia**  
92843D

**Deuteranopia**  
A47D38



**Tritanopia**  
B37179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF7839 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 #AF7839 looks like.

```
.text, #text, p{  
    color:#AF7839  
}
```

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 #AF7839 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF7839
}
```

## Border

The CSS property to change the border of an element to Hex AF7839 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
#AF7839 }
```

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

```
.border{ border-color:#AF7839 }
```

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

Here you see how a box with a 4 pixel #AF7839 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF7839; -webkit-box-shadow:4px 4px  
4px 4px #AF7839; box-shadow:4px 4px 4px  
4px #AF7839 }
```

# Background

The CSS property to change the background color of an element to Hex AF7839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF7839 }
```

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

```
.background{ background-color:#AF7839 }
```

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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