

# Converting Colors

Hex(A88807)

Have a look what the booklet for  
Hex(A88807) contains.

<b>Hex(A88807)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A88807)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A88807
RGB	168, 136, 7
RGB Percent	66%, 53%, 3%
CMY	0.3412, 0.4667, 0.9725
CMYK	0.00, 0.19, 0.96, 0.34
HSL	48°, 92%, 34%
HSV	48°, 96%, 66%
XYZ	24.9910, 25.9485, 3.8924
YIQ	130.8620, 60.4810, -33.3350

# Conversions

## Conversions Part 2

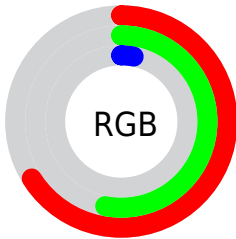
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 168, 7
Decimal	11044871
CIE <sub>Lab</sub>	57.99, 1.41, 61.68
CIE <sub>LCh</sub>	58, 61.697, 88.694
Yxy	25.9485, 0.4558, 0.4732
Android (android.graphics.Color)	4289234951 (0xFFA88807)
YUV	130.8620, -61.0640, 32.5700
Hunter-Lab	50.9397, -1.5724, 31.1273

# Details

The Hex color **A88807** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0727A8**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E3BD48**, and **6F5700** is the 20% darker color. If you saturate the color by 10%, you get **A88700**, and if you desaturate by 10%, it is **A88B18**.

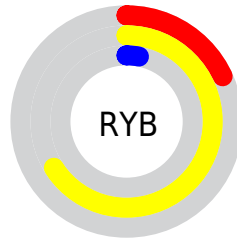
# Distribution



Red (66%)

Green (53%)

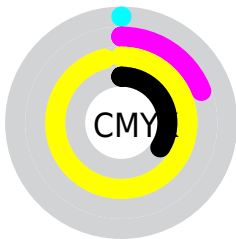
Blue (3%)



Red (18%)

Yellow (66%)

Blue (3%)

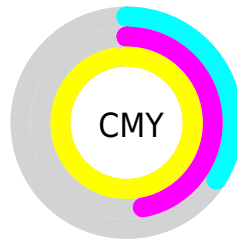


Cyan (0%)

Magenta (19%)

Yellow (96%)

Black (34%)



Cyan (34%)

Magenta (47%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A88807 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 A88807 by changing the saturation by 10% instead.



 A88807

 A88807

FFFFFF

 8B6F00

 E3BD48

 6F5700

 FFD963

 544000

 FFF57E

 392A00

 FFFF9A

 201600

 FFFFB6

 000000

 FFFF D2

 FFFF EF

 A88807

 A88807

■ A88700

■ A88B18

■ A88F29

■ A89239

■ A8954A

■ A8995B

■ A89C6C

■ A89F7D

■ A8A38D

■ A8A69E

# Harmonies

## Analogous

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



D1732C



A88807



739720

# Triad

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



A88807



00A4BE



CA66C4

# Complementary

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



A88807



0727A8

# 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.



867EEB



A88807



009FE7

# Square

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



A88807



00A487



0092F8



E95690

# Rectangle

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



A88807



439E3F



0092F8



B86ED3



# Sweetspot

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



A88807



DBCF9C



A80727



6E6647



EDEDED



6E6E6E



# Same Dimension

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



A88807



DBB000



78A807



54524C



947700



141000



# Inverse Universe

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



0727A8



002CDB



3707A8



4C4D54



001D94

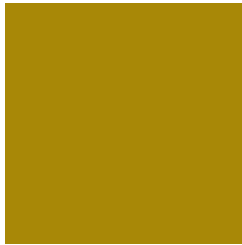


000414



# Previews

## White Background



This preview shows how the Hex color A88807 looks on a white background.

## Color Contrast Check

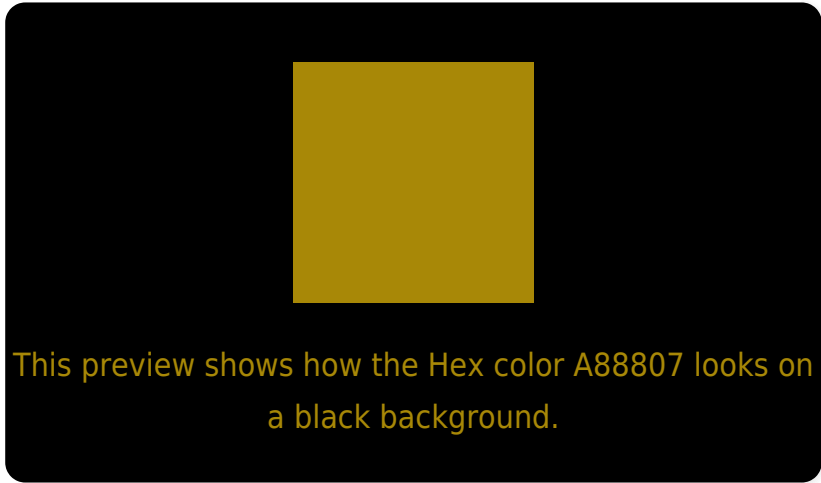
Large Text (above 18pt) WCAG AA ✓ Pass

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 A88807 Background



This preview shows how black text looks on a background with the Hex color A88807.

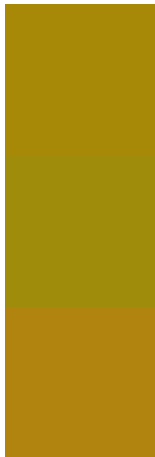


This preview shows how white text looks on a background with the Hex color A88807.

# 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**  
A88807

**Protanopia**  
9E8C0A

**Deuteranopia**  
B0840E

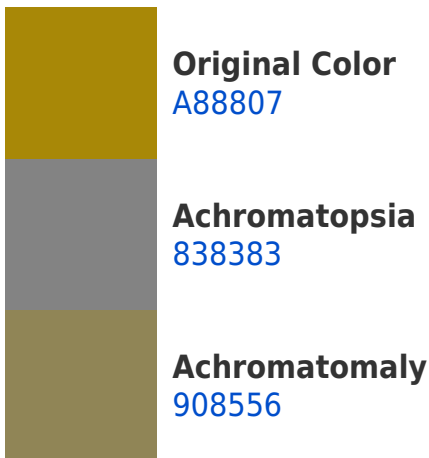


**Tritanopia**  
AF7E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A88807 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 #A88807 looks like.

```
.text, #text, p{  
    color:#A88807  
}
```

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 #A88807 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A88807  
}
```

## Border

The CSS property to change the border of an element to Hex A88807 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  
#A88807 }
```

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

```
.border{ border-color:#A88807 }
```

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

Here you see how a box with a 4 pixel #A88807 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A88807; -webkit-box-shadow:4px 4px  
4px 4px #A88807; box-shadow:4px 4px 4px  
4px #A88807 }
```

# Background

The CSS property to change the background color of an element to Hex A88807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A88807 }
```

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

```
.background{ background-color:#A88807 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor