

# Converting Colors

Hex(A89608)

Have a look what the booklet for  
Hex(A89608) contains.

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**Color**

**Hex(A89608)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A89608
RGB	168, 150, 8
RGB Percent	66%, 59%, 3%
CMY	0.3412, 0.4118, 0.9686
CMYK	0.00, 0.11, 0.95, 0.34
HSL	53°, 91%, 35%
HSV	53°, 95%, 66%
XYZ	27.0986, 30.1551, 4.6220
YIQ	139.1940, 56.3100, -40.3460

# Conversions

## Conversions Part 2

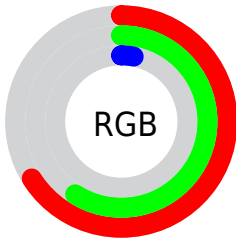
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	28, 168, 8
Decimal	11048456
CIE Lab	61.79, -6.21, 64.35
CIE LCh	62, 64.648, 95.511
Yxy	30.1551, 0.4380, 0.4873
Android (android.graphics.Color)	4289238536 (0xFFA89608)
YUV	139.1940, -64.6786, 25.2629
Hunter-Lab	54.9136, -8.0131, 33.4492

# Details

The Hex color **A89608** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **081AA8**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E3CC4B**, and **6F6400** is the 20% darker color. If you saturate the color by 10%, you get **A89500**, and if you desaturate by 10%, it is **A89819**.

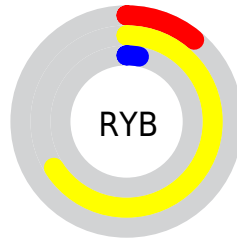
# Distribution



Red (66%)

Green (59%)

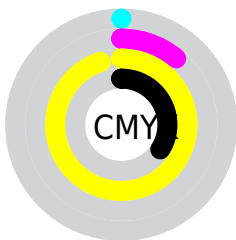
Blue (3%)



Red (11%)

Yellow (66%)

Blue (3%)

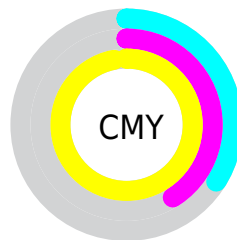


Cyan (0%)

Magenta (11%)

Yellow (95%)

Black (34%)



Cyan (34%)

Magenta (41%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A89608 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 A89608 by changing the saturation by 10% instead.



 A89608

 A89608

FFFFFF

 8B7C00

 E3CC4B

 6F6400

 FFE867

 544C00

 FFFF82

 3A3600

 FFFF9E

 212100

 FFFFBA

 000B00

 FFFFD7

 000000

 FFFFF4

 A89608

 A89608

■ A89500

■ A89819

■ A89A2A

■ A89C3A

■ A89E4B

■ A89F5C

■ A8A16D

■ A8A37E

■ A8A58E

■ A8A79F

# Harmonies

## Analogous

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



D78127



A89608



6CA52E

# Triad

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



A89608



00AFD6



E268C6

# Complementary

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



A89608



081AA8

# 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.



A481F3



A89608



00A8FD

# Square

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



A89608



00B09F



0099FF



FB5C8D

# Rectangle

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



A89608



2DAB51



0099FF



D270D7



# Sweetspot

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



A89608



DBD49C



A8081B



6E6947



EDEDED



6E6E6E



# Same Dimension

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



A89608



DBC300



6BA808



54534C



948300



141200



# Inverse Universe

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



081AA8



0019DB



4508A8



4C4D54



001194

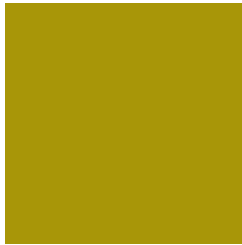


000214



# Previews

## White Background



This preview shows how the Hex color A89608 looks on a white background.

## Color Contrast Check

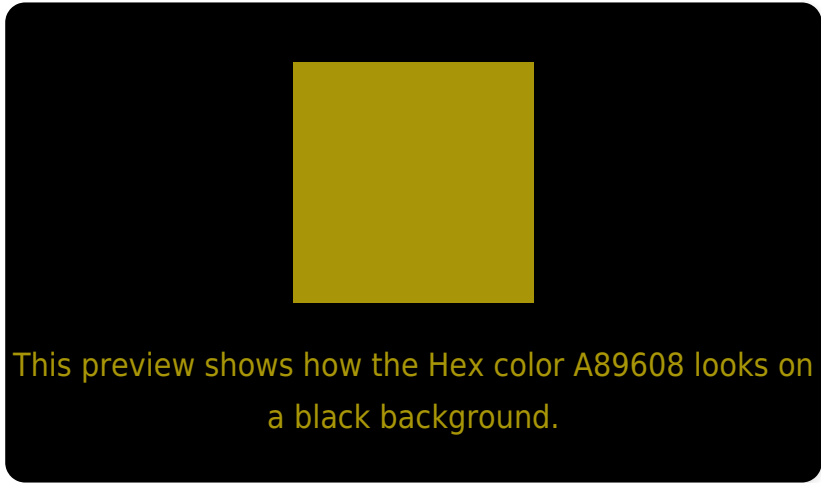
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A89608 Background



This preview shows how black text looks on a background with the Hex color A89608.

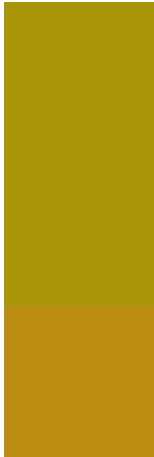


This preview shows how white text looks on a background with the Hex color A89608.

# 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**  
A89608

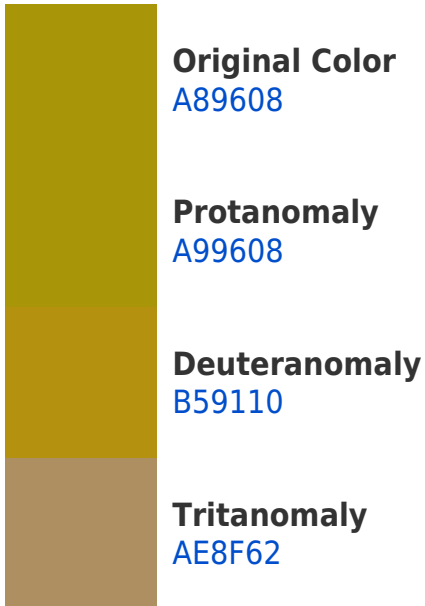
**Protanopia**  
A99608

**Deuteranopia**  
BD8E14

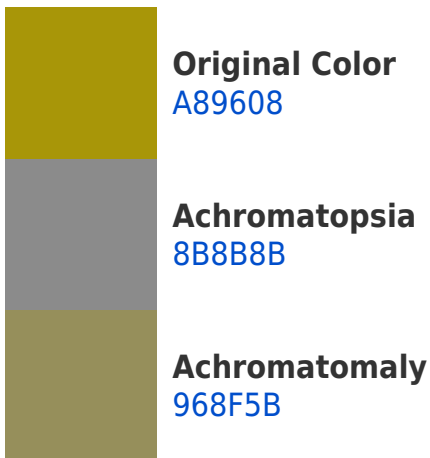


**Tritanopia**  
B18B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A89608 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 #A89608 looks like.

```
.text, #text, p{  
    color:#A89608  
}
```

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 #A89608 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A89608
}
```

## Border

The CSS property to change the border of an element to Hex A89608 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
#A89608 }
```

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

```
.border{ border-color:#A89608 }
```

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

Here you see how a box with a 4 pixel #A89608 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A89608; -webkit-box-shadow:4px 4px  
4px 4px #A89608; box-shadow:4px 4px 4px  
4px #A89608 }
```

# Background

The CSS property to change the background color of an element to Hex A89608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A89608 }
```

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

```
.background{ background-color:#A89608 }
```

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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