

# Converting Colors

Hex(A89718)

Have a look what the booklet for  
Hex(A89718) contains.

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**Color**

**Hex(A89718)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A89718
RGB	168, 151, 24
RGB Percent	66%, 59%, 9%
CMY	0.3412, 0.4078, 0.9059
CMYK	0.00, 0.10, 0.86, 0.34
HSL	53°, 75%, 38%
HSV	53°, 86%, 66%
XYZ	27.3799, 30.5240, 5.3128
YIQ	141.6050, 50.8990, -35.8930

# Conversions

## Conversions Part 2

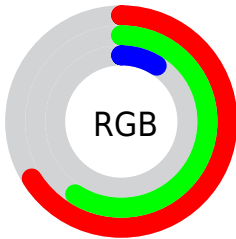
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	43, 168, 24
Decimal	11048728
<a href="#">CIELab</a>	62.10, -6.44, 61.58
<a href="#">CIElCh</a>	62, 61.914, 95.966
<a href="#">Yxy</a>	30.5240, 0.4331, 0.4828
<a href="#">Android (android.graphics.Color)</a>	4289238808 (0xFFA89718)
<a href="#">YUV</a>	141.6050, -57.9793, 23.1484
<a href="#">Hunter-Lab</a>	55.2485, -8.2243, 32.9725

# Details

The Hex color **A89718** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1829A8**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **E3CD53**, and **706500** is the 20% darker color. If you saturate the color by 10%, you get **A89507**, and if you desaturate by 10%, it is **A89929**.

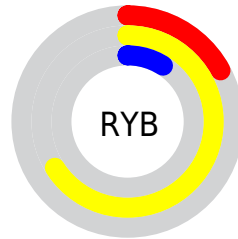
# Distribution



Red (66%)

Green (59%)

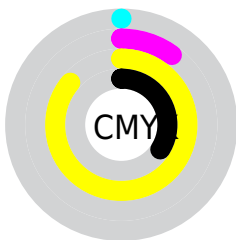
Blue (9%)



Red (17%)

Yellow (66%)

Blue (9%)

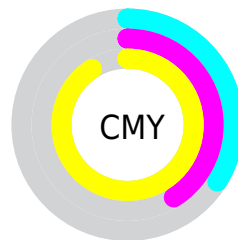


Cyan (0%)

Magenta (10%)

Yellow (86%)

Black (34%)



Cyan (34%)

Magenta (41%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A89718 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 A89718 by changing the saturation by 10% instead.



 A89718

 A89718

FFFFFF

 8C7D00

 E3CD53

 706500

 FFE96E

 554D00

 FFFF89

 3A3600

 FFFFA5

 212100

 FFFFC1

 000C00

 FFFFDE

 000000

 FFFFFB

 A89718

 A89718

 A89507

 A89929

 A89400

 A89B3A

 A89D4A

 A89F5B

 A8A16C

 A8A37D

 A8A58E

 A8A79E

 A8A9AF

# Harmonies

## Analogous

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



D5832D



A89718



6EA535

# Triad

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



A89718



00AFD5



E16BC4

# Complementary

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



A89718



1829A8

# 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.



A683EF



A89718



00A8FA

# Square

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



A89718



00B0A0



1E99FF



F9618D

# Rectangle

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



A89718



35AB55



1E99FF



D172D4



# Sweetspot

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



A89718



DBD5A2



A8182B



6E6A4C



EDEDED



6E6E6E



# Same Dimension

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



A89718



DBC100



73A818



54534C



948200



141200



# Inverse Universe

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



1829A8



001ADB



4D18A8



4C4D54



001194



000214



# Previews

## White Background



This preview shows how the Hex color A89718 looks on a white background.

## Color Contrast Check

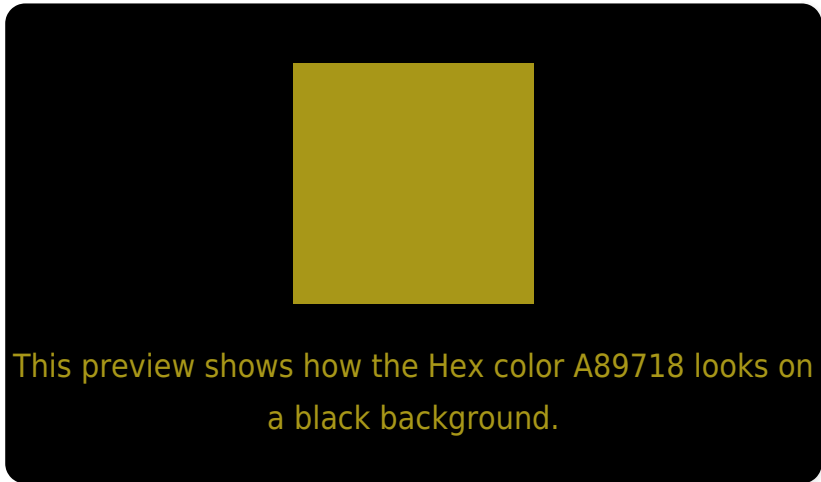
Large Text (above 18pt) WCAG AA × Fail

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 A89718 Background



This preview shows how black text looks on a background with the Hex color A89718.



This preview shows how white text looks on a background with the Hex color A89718.

# 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**  
A89718

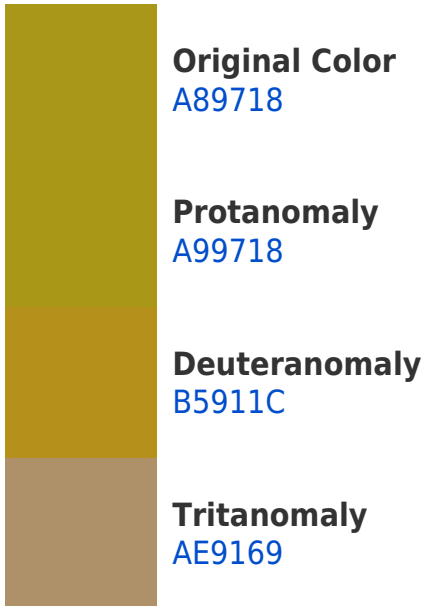
**Protanopia**  
A99718

**Deuteranopia**  
BD8E1E

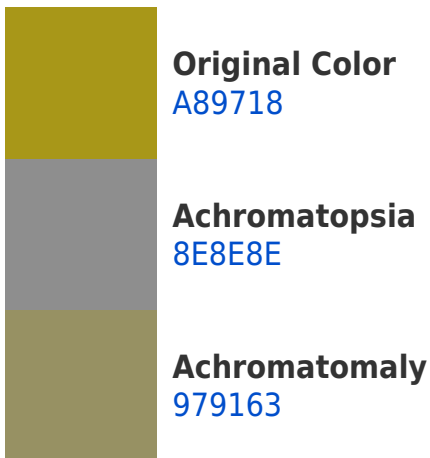


**Tritanopia**  
B18D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A89718 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 #A89718 looks like.

```
.text, #text, p{  
    color:#A89718  
}
```

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 #A89718 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A89718
}
```

## Border

The CSS property to change the border of an element to Hex A89718 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
#A89718 }
```

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

```
.border{ border-color:#A89718 }
```

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

Here you see how a box with a 4 pixel #A89718 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A89718; -webkit-box-shadow:4px 4px  
4px 4px #A89718; box-shadow:4px 4px 4px  
4px #A89718 }
```

# Background

The CSS property to change the background color of an element to Hex A89718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A89718 }
```

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

```
.background{ background-color:#A89718 }
```

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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