

# Converting Colors

Hex(A89126)

Have a look what the booklet for  
Hex(A89126) contains.

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**Color**

**Hex(A89126)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A89126
RGB	168, 145, 38
RGB Percent	66%, 57%, 15%
CMY	0.3412, 0.4314, 0.8510
CMYK	0.00, 0.14, 0.77, 0.34
HSL	49°, 63%, 40%
HSV	49°, 77%, 66%
XYZ	26.6237, 28.7156, 5.9732
YIQ	139.6790, 48.0550, -28.4010

# Conversions

## Conversions Part 2

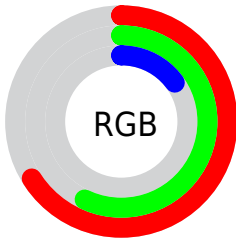
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">66, 168, 38</a>
Decimal	<a href="#">11047206</a>
CIELab	<a href="#">60.53, -2.72, 55.95</a>
CIELCh	<a href="#">61, 56.020, 92.783</a>
Yxy	<a href="#">28.7156, 0.4342, 0.4683</a>
Android (android.graphics.Color)	<a href="#">4289237286</a> ( <a href="#">0xFFA89126</a> )
YUV	<a href="#">139.6790, -50.1277, 24.8375</a>
Hunter-Lab	<a href="#">53.5869, -5.0926, 30.9020</a>

# Details

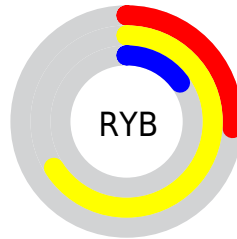
The Hex color **A89126** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **263DA8**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E2C75C**, and **705F00** is the 20% darker color. If you saturate the color by 10%, you get **A88E15**, and if you desaturate by 10%, it is **A89437**.

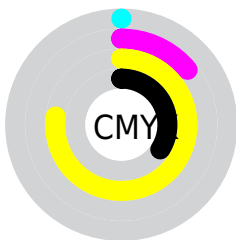
# Distribution



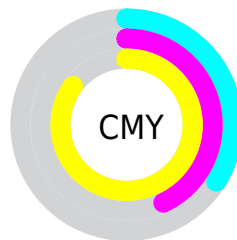
- Red (66%)
- Green (57%)
- Blue (15%)



- Red (26%)
- Yellow (66%)
- Blue (15%)



- Cyan (0%)
- Magenta (14%)
- Yellow (77%)
- Black (34%)



- Cyan (34%)
- Magenta (43%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A89126 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 A89126 by changing the saturation by 10% instead.



 A89126

 A89126

FFFFFF

 8C7801

 E2C75C

 705F00

 FFE276

 554800

 FFFF91

 3B3100

 FFFFAD

 221D00

 FFFFC9

 000400

 FFFFEE

 000000

 A89126

 A89126

 A88E15

 A89437

 A88B04

 A89748

 A88A00

 A89A58

 A89D69

 A8A07A

 A8A38B

 A8A69C

 A8A9AC

 A8ACBD

# Harmonies

## Analogous

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



D07F38



A89126



759E39

# Triad

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



A89126



00A9C6



D26FC0

# Complementary

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



A89126



263DA8

# 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.



9983E5



A89126



00A3E9

# Square

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



A89126



00AA95



2196F5



EB648F

# Rectangle

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



A89126



49A453



2196F5



C375CE



# Sweetspot

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



A89126



DBD2A9



A8263E



6E684F



EDEDED



6E6E6E



# Same Dimension

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



A89126



DBB70F



7FA826



54534C



947A00



141100



# Inverse Universe

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



263DA8



0F33DB



4F26A8



4C4D54



001A94

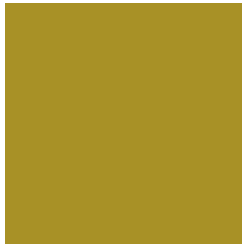


000414



# Previews

## White Background



This preview shows how the Hex color A89126 looks on a white background.

## Color Contrast Check

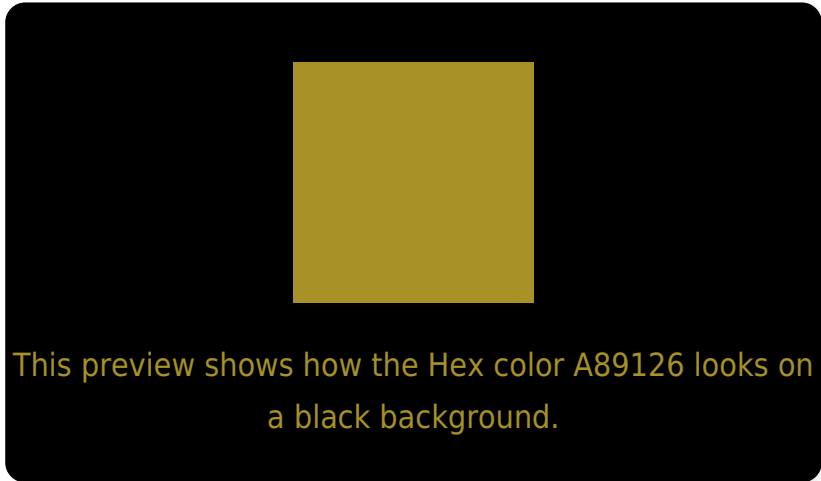
Large Text (above 18pt) WCAG AA ✓ Pass

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 A89126 Background



This preview shows how black text looks on a background with the Hex color A89126.



This preview shows how white text looks on a background with the Hex color A89126.

# 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**  
A89126

**Protanopia**  
A49226

**Deuteranopia**  
B78B29

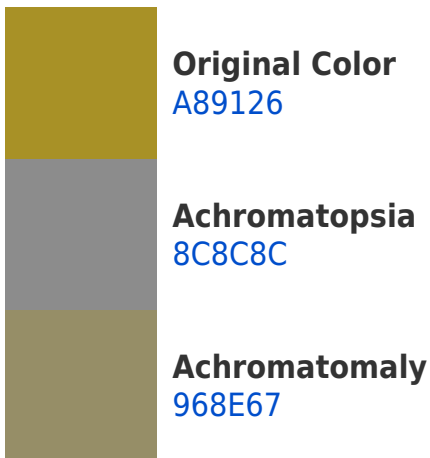


**Tritanopia**  
B08792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A89126 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 #A89126 looks like.

```
.text, #text, p{  
    color:#A89126  
}
```

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 #A89126 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A89126
}
```

## Border

The CSS property to change the border of an element to Hex A89126 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
#A89126 }
```

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

```
.border{ border-color:#A89126 }
```

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

Here you see how a box with a 4 pixel #A89126 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A89126; -webkit-box-shadow:4px 4px  
4px 4px #A89126; box-shadow:4px 4px 4px  
4px #A89126 }
```

# Background

The CSS property to change the background color of an element to Hex A89126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A89126 }
```

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

```
.background{ background-color:#A89126 }
```

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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