

Converting Colors

Hex(A89F76)

Have a look what the booklet for
Hex(A89F76) contains.

Hex(A89F76)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A89F76)

Conversions

Conversions Part 1

Format	Color
Hex	A89F76
RGB	168, 159, 118
RGB Percent	66%, 62%, 46%
CMY	0.3412, 0.3765, 0.5373
CMYK	0.00, 0.05, 0.30, 0.34
HSL	49°, 22%, 56%
HSV	49°, 30%, 66%
XYZ	31.8166, 34.4291, 22.1081
YIQ	157.0170, 18.5250, -10.8430

Conversions

Conversions Part 2

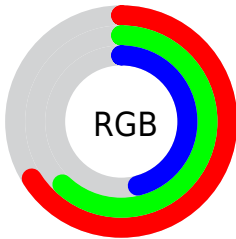
Format	Color
RYB	129, 168, 118
Decimal	11050870
CIELab	65.30, -3.27, 22.62
CIELCh	65, 22.859, 98.222
Yxy	34.4291, 0.3601, 0.3897
Android (android.graphics.Color)	4289240950 (0xFFA89F76)
YUV	157.0170, -19.2354, 9.6321
Hunter-Lab	58.6763, -5.8939, 18.7341

Details

The Hex color **A89F76** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **767FA8**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **E0D6AA**, and **736C45** is the 20% darker color. If you saturate the color by 10%, you get **A89C65**, and if you desaturate by 10%, it is **A8A287**.

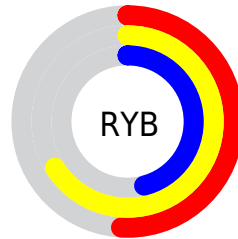
Distribution



Red (66%)

Green (62%)

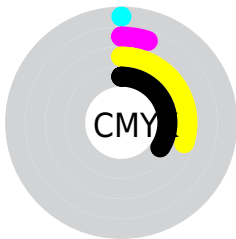
Blue (46%)



Red (51%)

Yellow (66%)

Blue (46%)

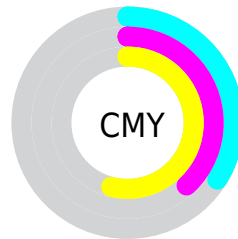


Cyan (0%)

Magenta (5%)

Yellow (30%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color A89F76 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 A89F76 by changing the saturation by 10% instead.

 A89F76

 A89F76

FFFFFF

 8D855D

 E0D6AA

 736C45

 FDF2C6

 5A542E

 FFFFE2

 423D19

 2C2700

 131300

 000000

 A89F76

 A89F76

 A89C65

 A8A287

 A89954

 A8A598

 A89644

 A8A8A8

 A89333

 A8ABB9

 A89022

 A8AECA

 A88D11

 A8B1DB

 A88A00

 A8B4EC

 A8B7FC

 A8BAFF

Harmonies

Analogous

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



BB9879



A89F76



91A57E

Triad

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



A89F76



64A9B7



BE92AE

Complementary

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



A89F76



767FA8

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.



A997BF



A89F76



73A5C4

Square

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



A89F76



68AAA4



8D9EC7



C8909A

Rectangle

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



A89F76



82A888



8D9EC7



B893B4

Sweetspot

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



A89F76



DBD8C8



A8767F



6E6B62



EDEDED



6E6E6E

Same Dimension

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



A89F76



DBCD8C



98A876



54534C



947900



141100

Inverse Universe

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



767FA8



8C9BDB



8676A8



4C4D54



001B94



000414

Previews

White Background



This preview shows how the Hex color A89F76 looks on a white background.

Color Contrast Check

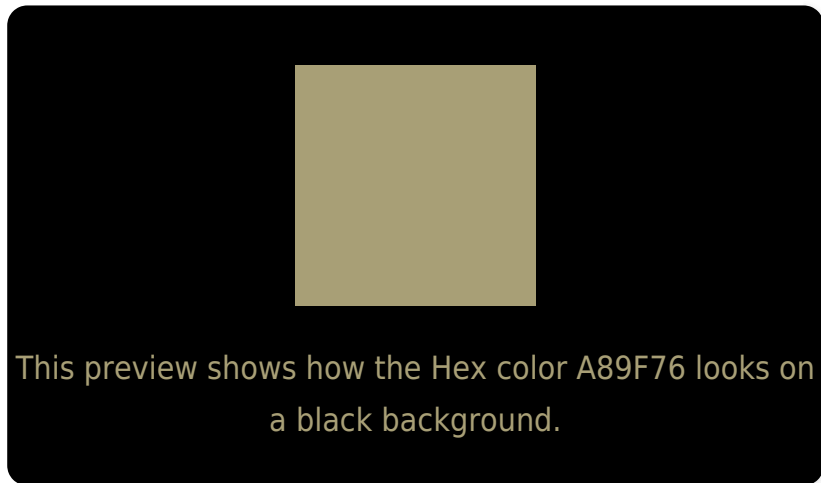
Large Text (above 18pt) WCAG AA × Fail

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

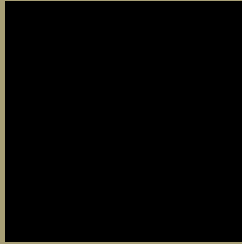
Any Text WCAG AA ✓ Pass

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 A89F76 Background



This preview shows how black text looks on a background with the Hex color A89F76.



This preview shows how white text looks on a background with the Hex color A89F76.

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
A89F76

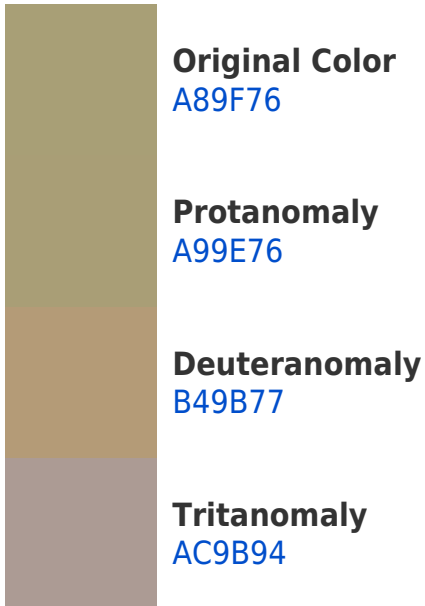
Protanopia
AA9E76

Deuteranopia
BB9877

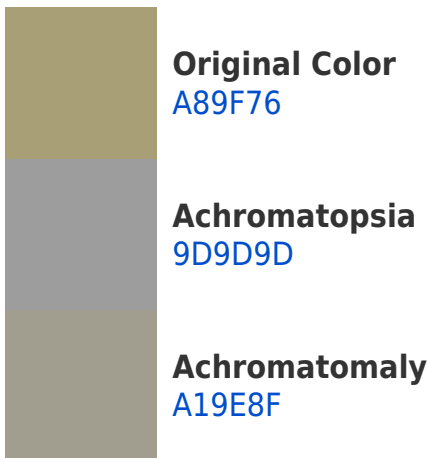


Tritanopia
AE99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A89F76 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 #A89F76 looks like.

```
.text, #text, p{  
    color:#A89F76  
}
```

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 #A89F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A89F76  
}
```

Border

The CSS property to change the border of an element to Hex A89F76 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  
#A89F76 }
```

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

```
.border{ border-color:#A89F76 }
```

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

Here you see how a box with a 4 pixel #A89F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A89F76; -webkit-box-shadow:4px 4px  
4px 4px #A89F76; box-shadow:4px 4px 4px  
4px #A89F76 }
```

Background

The CSS property to change the background color of an element to Hex A89F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A89F76 }
```

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

```
.background{ background-color:#A89F76 }
```

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