

Converting Colors

Hex(89A77B)

Have a look what the booklet for
Hex(89A77B) contains.

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Color

Hex(89A77B)

Conversions

Conversions Part 1

Format	Color
Hex	89A77B
RGB	137, 167, 123
RGB Percent	54%, 65%, 48%
CMY	0.4627, 0.3451, 0.5176
CMYK	0.18, 0.00, 0.26, 0.35
HSL	101°, 20%, 57%
HSV	101°, 26%, 65%
XYZ	27.7104, 34.3859, 23.9155
YIQ	153.0140, -3.7560, -20.0440

Conversions

Conversions Part 2

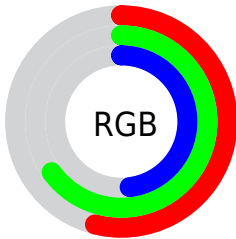
Format	Color
RYB	123, 167, 153
Decimal	9021307
CIELab	65.27, -18.75, 19.45
CIELCh	65, 27.013, 133.957
Yxy	34.3859, 0.3222, 0.3998
Android (android.graphics.Color)	4287211387 (0xFF89A77B)
YUV	153.0140, -14.7969, -14.0443
Hunter-Lab	58.6395, -18.2679, 16.8668

Details

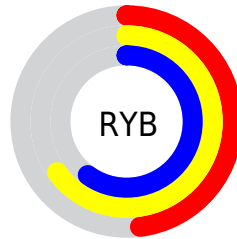
The Hex color **89A77B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **997BA7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BFDEB0**, and **56734A** is the 20% darker color. If you saturate the color by 10%, you get **7EA76A**, and if you desaturate by 10%, it is **94A78C**.

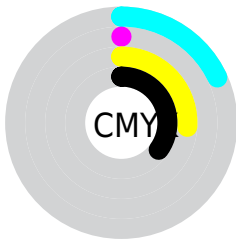
Distribution



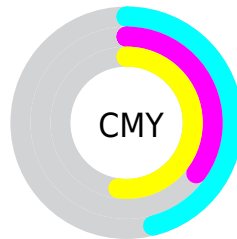
- Red (54%)
- Green (65%)
- Blue (48%)



- Red (48%)
- Yellow (65%)
- Blue (60%)



- Cyan (18%)
- Magenta (0%)
- Yellow (26%)
- Black (35%)



- Cyan (46%)
- Magenta (35%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89A77B 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 89A77B by changing the saturation by 10% instead.



89A77B



89A77B

FFFFFF



6F8D62



BFDEB0



56734A



DBFBCB



3E5A33



F8FFE7



27431D



122C06



001900



000000



89A77B



89A77B



7EA76A



94A78C

 72A75A

 A0A79C

 67A749

 ABA7AD

 5BA738

 B7A7BE

 50A727

 C2A7CF

 45A717

 CDA7DF

 39A706

 D9A7F0

 35A700

 E4A7FF

 EFA7FF

Harmonies

Analogous

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



A4A16F



89A77B



6DAB90

Triad

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



89A77B



6DA5CC



CF8D94

Complementary

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



89A77B



997BA7

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.



C68EAC



89A77B



909DCD

Square

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



89A77B



55AABF



B094C1



CB917E

Rectangle

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



89A77B



5DACA1



B094C1



CE8D9C

Sweetspot

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



89A77B



CDD9C7



A7987B



666E63



EDEDED



6E6E6E

Same Dimension

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



89A77B



A9D993



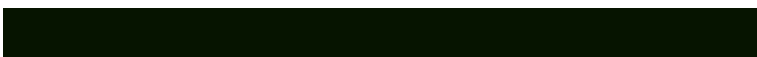
7BA782



4E544C



2F9400



061400

Inverse Universe

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



997BA7



C393D9



A77BA0



514C54



650094



0E0014

Previews

White Background



This preview shows how the Hex color 89A77B looks on a white background.

Color Contrast Check

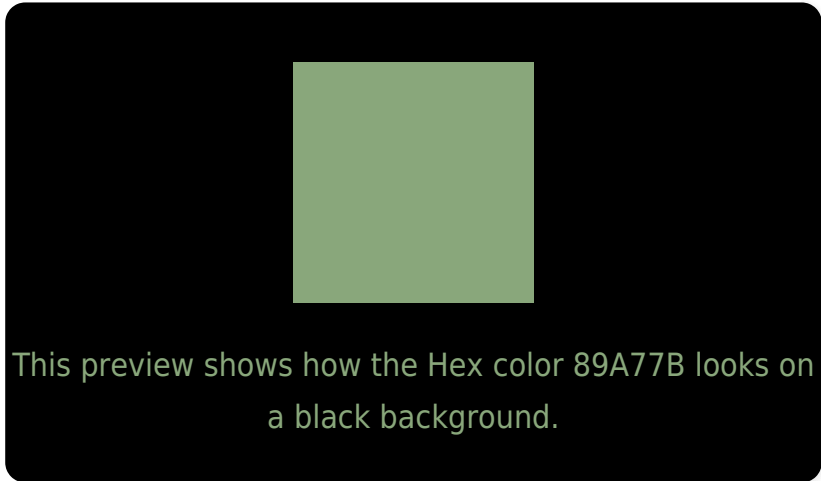
Large Text (above 18pt) WCAG AA × Fail

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

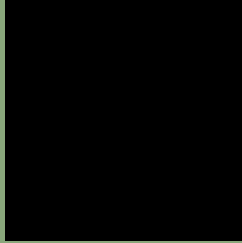
Any Text WCAG AA ✓ Pass

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 89A77B Background



This preview shows how black text looks on a background with the Hex color 89A77B.



This preview shows how white text looks on a background with the Hex color 89A77B.

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](#).

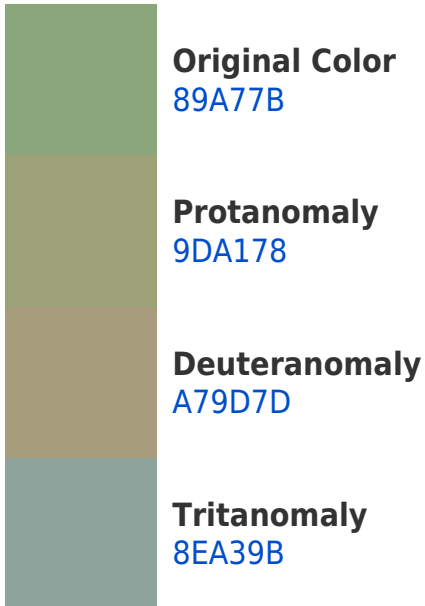
Dichromacy



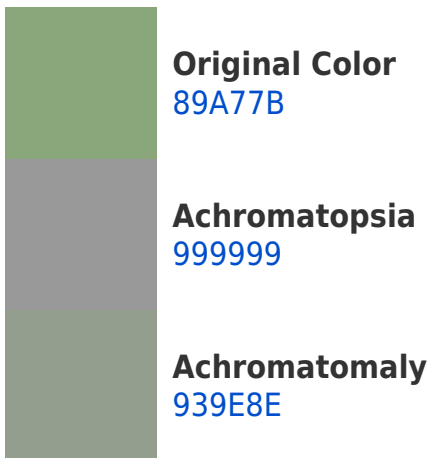


Tritanopia
91A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89A77B 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 #89A77B looks like.

```
.text, #text, p{  
    color:#89A77B  
}
```

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 #89A77B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A77B
}
```

Border

The CSS property to change the border of an element to Hex 89A77B 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
#89A77B }
```

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

```
.border{ border-color:#89A77B }
```

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

Here you see how a box with a 4 pixel #89A77B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A77B; -webkit-box-shadow:4px 4px  
4px 4px #89A77B; box-shadow:4px 4px 4px  
4px #89A77B }
```

Background

The CSS property to change the background color of an element to Hex 89A77B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A77B }
```

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

```
.background{ background-color:#89A77B }
```

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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