

Converting Colors

Hex(89A66B)

Have a look what the booklet for
Hex(89A66B) contains.

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Color

Hex(89A66B)

Conversions

Conversions Part 1

Format	Color
Hex	89A66B
RGB	137, 166, 107
RGB Percent	54%, 65%, 42%
CMY	0.4627, 0.3490, 0.5804
CMYK	0.17, 0.00, 0.36, 0.35
HSL	89°, 25%, 54%
HSV	89°, 36%, 65%
XYZ	26.6066, 33.6523, 19.0032
YIQ	150.6030, 1.6550, -24.4970

Conversions

Conversions Part 2

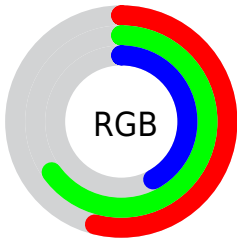
Format	Color
RYB	107, 166, 136
Decimal	9021035
CIELab	64.69, -20.70, 27.34
CIELCh	65, 34.298, 127.130
Yxy	33.6523, 0.3357, 0.4246
Android (android.graphics.Color)	4287211115 (0xFF89A66B)
YUV	150.6030, -21.4963, -11.9298
Hunter-Lab	58.0106, -19.6496, 21.1852

Details

The Hex color **89A66B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **886BA6**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BFDD9F**, and **56723B** is the 20% darker color. If you saturate the color by 10%, you get **81A65A**, and if you desaturate by 10%, it is **91A67C**.

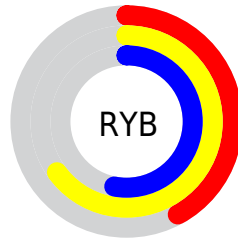
Distribution



Red (54%)

Green (65%)

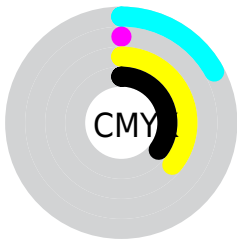
Blue (42%)



Red (42%)

Yellow (65%)

Blue (53%)

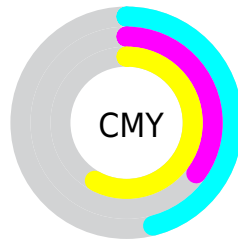


Cyan (17%)

Magenta (0%)

Yellow (36%)

Black (35%)



Cyan (46%)

Magenta (35%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89A66B 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 89A66B by changing the saturation by 10% instead.



89A66B



89A66B

FFFFFF



6F8C52



BFDD9F



56723B



DBFABA



3E5924



F8FFD6



26420D



FFFFF3



112B00



001900



000000



89A66B



89A66B



81A65A



91A67C

 79A64A

 99A68C

 71A639

 A1A69D

 68A629

 AAA6AD

 60A618

 B2A6BE

 58A607

 BAA6CF

 54A600

 C2A6DF

 CAA6F0

 D2A6FF

Harmonies

Analogous

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



AA9D5F



89A66B



64AB84

Triad

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



89A66B



49A6D5



D88597

Complementary

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



89A66B



886BA6

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.



CA89B5



89A66B



7D9DD9

Square

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



89A66B



23ACC1



AA92CE



D68979

Rectangle

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



89A66B



49AD99



AA92CE



D585A1

Sweetspot

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



89A66B



CDD9C1



A6886B



676E5F



EDEDED



6E6E6E

Same Dimension

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



89A66B



ABD97C



6CA66B



50544C



4B9400



0A1400

Inverse Universe

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



886BA6



A97CD9



A56BA6



504C54



490094



0A0014

Previews

White Background



This preview shows how the Hex color 89A66B looks on a white background.

Color Contrast Check

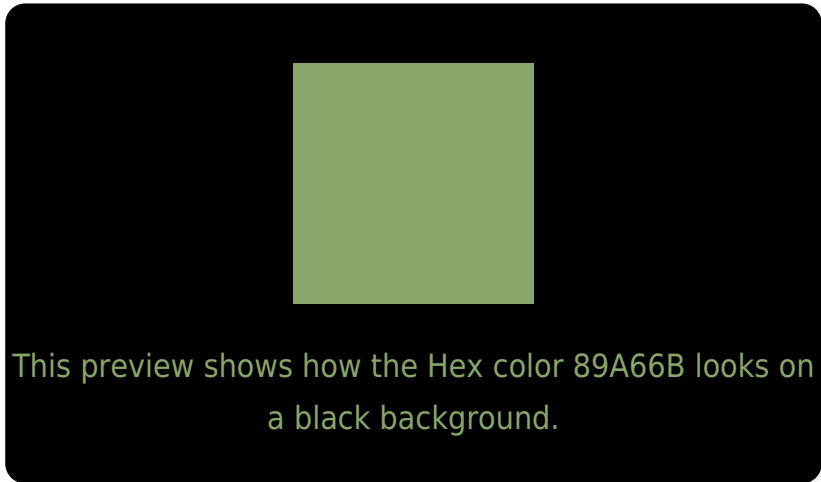
Large Text (above 18pt) WCAG AA × Fail

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

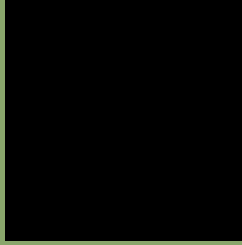
Any Text WCAG AA ✓ Pass

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 89A66B Background



This preview shows how black text looks on a background with the Hex color 89A66B.

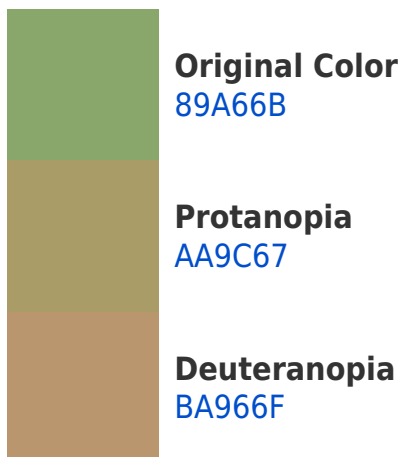


This preview shows how white text looks on a background with the Hex color 89A66B.

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



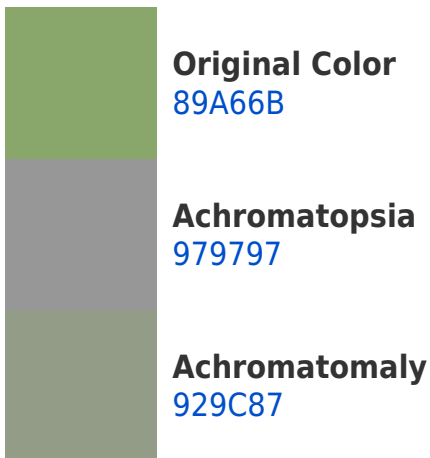


Tritanopia
929EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89A66B 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 #89A66B looks like.

```
.text, #text, p{  
    color:#89A66B  
}
```

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 #89A66B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A66B
}
```

Border

The CSS property to change the border of an element to Hex 89A66B 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
#89A66B }
```

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

```
.border{ border-color:#89A66B }
```

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

Here you see how a box with a 4 pixel #89A66B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A66B; -webkit-box-shadow:4px 4px  
4px 4px #89A66B; box-shadow:4px 4px 4px  
4px #89A66B }
```

Background

The CSS property to change the background color of an element to Hex 89A66B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A66B }
```

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

```
.background{ background-color:#89A66B }
```

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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