

Converting Colors

Hex(89965A)

Have a look what the booklet for
Hex(89965A) contains.

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Color

Hex(89965A)

Conversions

Conversions Part 1

Format	Color
Hex	89965A
RGB	137, 150, 90
RGB Percent	54%, 59%, 35%
CMY	0.4627, 0.4118, 0.6471
CMYK	0.09, 0.00, 0.40, 0.41
HSL	73°, 25%, 47%
HSV	73°, 40%, 59%
XYZ	23.0683, 27.8692, 13.8363
YIQ	139.2730, 11.5120, -21.4160

Conversions

Conversions Part 2

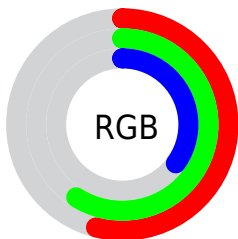
Format	Color
RYB	90, 150, 103
Decimal	9016922
CIELab	59.77, -14.71, 30.09
CIElCh	60, 33.492, 116.055
Yxy	27.8692, 0.3561, 0.4303
Android (android.graphics.Color)	4287207002 (0xFF89965A)
YUV	139.2730, -24.2916, -1.9934
Hunter-Lab	52.7913, -14.3853, 21.4143

Details

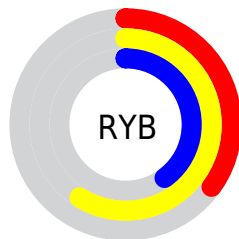
The Hex color **89965A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **675A96**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BFCC8D**, and **56632B** is the 20% darker color. If you saturate the color by 10%, you get **86964B**, and if you desaturate by 10%, it is **8C9669**.

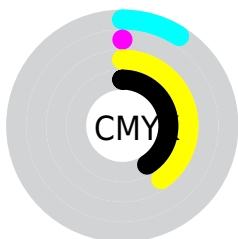
Distribution



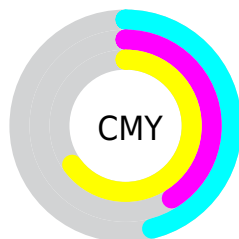
- Red (54%)
- Green (59%)
- Blue (35%)



- Red (35%)
- Yellow (59%)
- Blue (40%)



- Cyan (9%)
- Magenta (0%)
- Yellow (40%)
- Black (41%)



- Cyan (46%)
- Magenta (41%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89965A 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 89965A by changing the saturation by 10% instead.



89965A



89965A

FFFFFF



6F7C42



BFCC8D



56632B



DBE8A8



3E4B14



F8FFC3



273500



FFFFDF



0F2000



FFFFFC



000000



89965A



89965A



86964B



8C9669



83963C



909678

 7F962D

 939687

 7C961E

 969696

 79960F

 9996A5

 769600

 9D96B4

 A096C3

 A396D2

 A696E1

Harmonies

Analogous

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



A78D55



89965A



669C6E

Triad

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



89965A



289CC0



C67995

Complementary

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



89965A



675A96

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.



B17FB1



89965A



5E94CA

Square

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



89965A



119FA9



8E8AC5



C97B78

Rectangle

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



89965A



4D9F81



8E8AC5



C17B9F

Sweetspot

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



89965A



BDC2AB



96675A



5E6153



E0E0E0



616161

Same Dimension

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



89965A



AEC265



6B965A



484A43



6C8A00



080A00

Inverse Universe

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



675A96



7965C2



855A96



44434A



1E008A



02000A

Previews

White Background



This preview shows how the Hex color 89965A looks on a white background.

Color Contrast Check

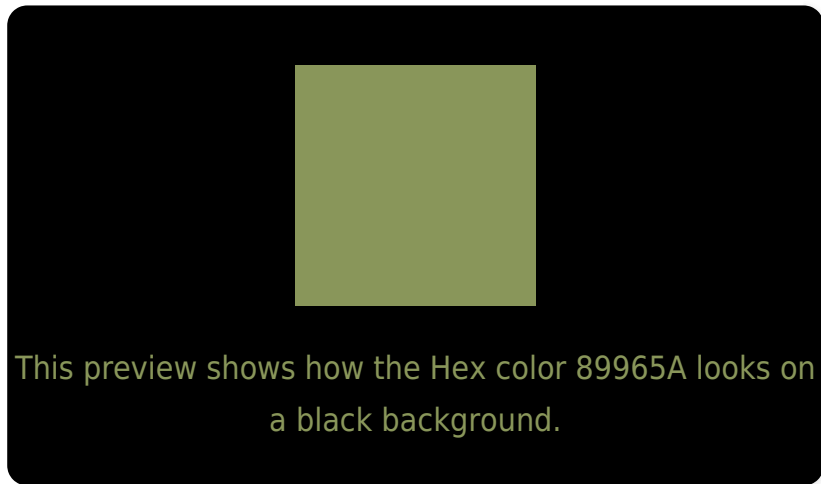
Large Text (above 18pt) WCAG AA ✓ Pass

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

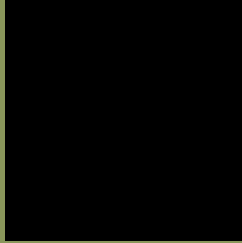
Any Text WCAG AA ✓ Pass

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 89965A Background



This preview shows how black text looks on a background with the Hex color 89965A.

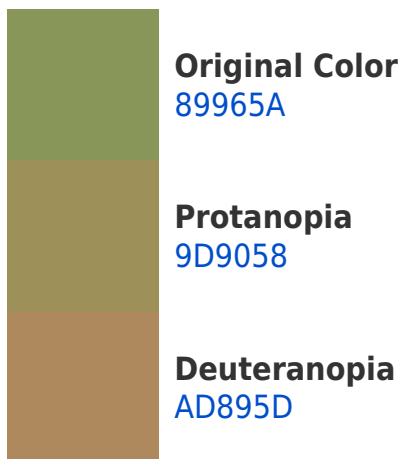


This preview shows how white text looks on a background with the Hex color 89965A.

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](#).

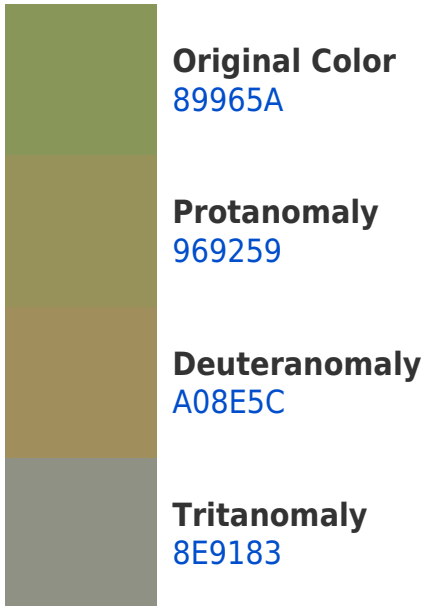
Dichromacy



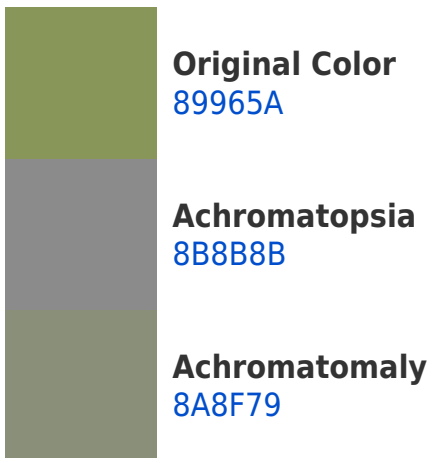


Tritanopia
918E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89965A 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 #89965A looks like.

```
.text, #text, p{  
    color:#89965A  
}
```

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 #89965A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89965A
}
```

Border

The CSS property to change the border of an element to Hex 89965A 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
#89965A }
```

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

```
.border{ border-color:#89965A }
```

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

Here you see how a box with a 4 pixel #89965A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89965A; -webkit-box-shadow:4px 4px  
4px 4px #89965A; box-shadow:4px 4px 4px  
4px #89965A }
```

Background

The CSS property to change the background color of an element to Hex 89965A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89965A }
```

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

```
.background{ background-color:#89965A }
```

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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