

# Converting Colors

Hex(89A276)

Have a look what the booklet for  
Hex(89A276) contains.

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**Color**

**Hex(89A276)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89A276
RGB	137, 162, 118
RGB Percent	54%, 64%, 46%
CMY	0.4627, 0.3647, 0.5373
CMYK	0.15, 0.00, 0.27, 0.36
HSL	94°, 19%, 55%
HSV	94°, 27%, 64%
XYZ	26.5069, 32.4670, 22.0092
YIQ	149.5090, -0.7760, -18.9840

# Conversions

## Conversions Part 2

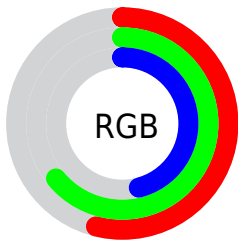
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">118, 162, 143</a>
Decimal	<a href="#">9020022</a>
CIELab	<a href="#">63.73, -16.98, 20.08</a>
CIElCh	<a href="#">64, 26.301, 130.213</a>
Yxy	<a href="#">32.4670, 0.3273, 0.4009</a>
Android (android.graphics.Color)	<a href="#">4287210102 (0xFF89A276)</a>
YUV	<a href="#">149.5090, -15.5339, -10.9704</a>
Hunter-Lab	<a href="#">56.9798, -16.6770, 16.9843</a>

# Details

The Hex color **89A276** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8F76A2**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **BFD9AA**, and **566E45** is the 20% darker color. If you saturate the color by 10%, you get **80A266**, and if you desaturate by 10%, it is **92A286**.

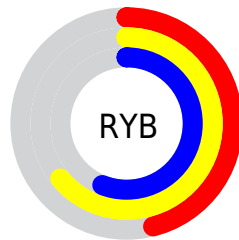
# Distribution



Red (54%)

Green (64%)

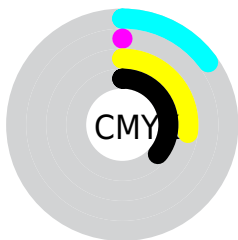
Blue (46%)



Red (46%)

Yellow (64%)

Blue (56%)

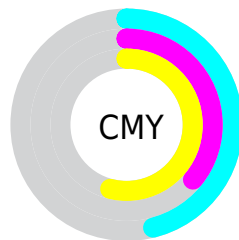


Cyan (15%)

Magenta (0%)

Yellow (27%)

Black (36%)



Cyan (46%)

Magenta (36%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89A276 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 89A276 by changing the saturation by 10% instead.





89A276



89A276

FFFFFF



6F885D



BFD9AA



566E45



DBF5C6



3F562F



F7FFE2



283F19



132800



001500



000000



89A276



89A276



80A266



92A286

 77A256

 9BA296

 6DA245

 A5A2A7

 64A235

 AEA2B7

 5BA225

 B7A2C7

 52A215

 C0A2D7

 49A205

 C9A2E7

 46A200

 D3A2F8

 DCA2FF

# Harmonies

## Analogous

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



A39B6C



89A276



6EA68A

# Triad

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



89A276



67A1C6



C98993

# Complementary

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



89A276



8F76A2

# 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.



BF8BAB



89A276



889AC8

# Square

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



89A276



53A6B8



A892BE



C78D7D

# Rectangle

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



89A276



5EA79A



A892BE



C7899B



# Sweetspot

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



89A276



CAD4C3



A28F76



656B60



EBEBEB



6B6B6B



# Same Dimension

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



89A276



ACD48E



76A279



4D5249



3F9100



081200



# Inverse Universe

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



8F76A2



B58ED4



A2769F



4E4952



530091



0A0012



# Previews

## White Background



This preview shows how the Hex color 89A276 looks on a white background.

## Color Contrast Check

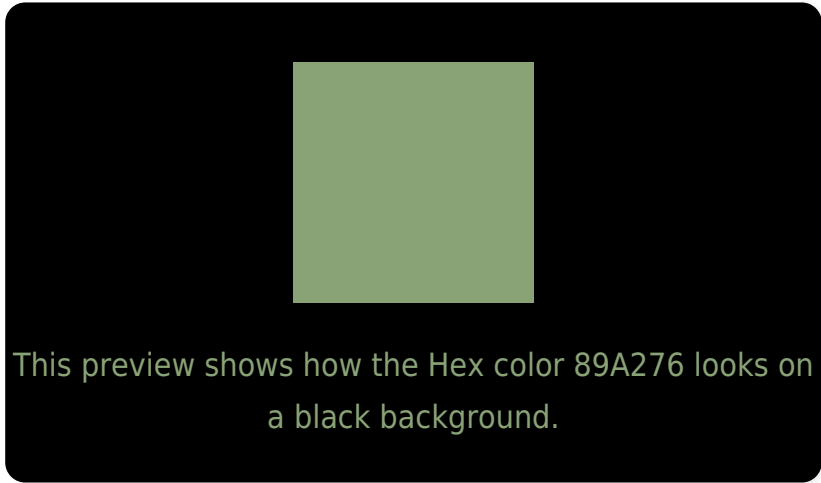
Large Text (above 18pt) WCAG AA × Fail

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

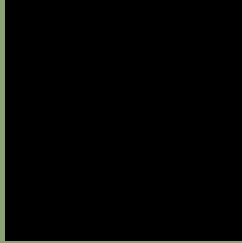
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89A276 Background



This preview shows how black text looks on a background with the Hex color 89A276.

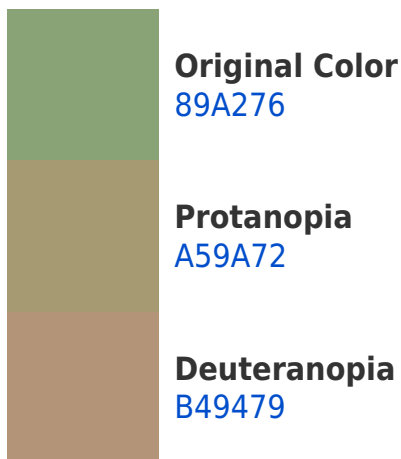


This preview shows how white text looks on a background with the Hex color 89A276.

# 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](#).

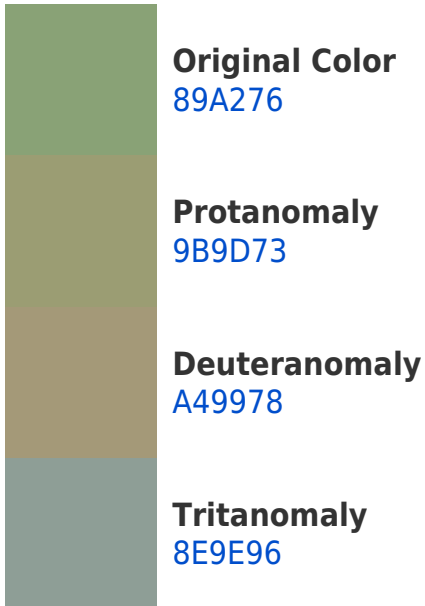
## Dichromacy



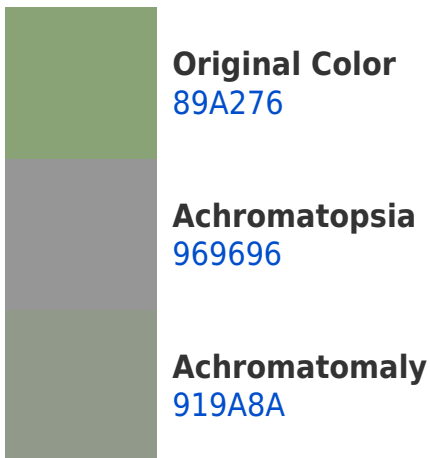


**Tritanopia**  
919CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89A276 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 #89A276 looks like.

```
.text, #text, p{  
    color:#89A276  
}
```

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 #89A276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A276
}
```

## Border

The CSS property to change the border of an element to Hex 89A276 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
#89A276 }
```

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

```
.border{ border-color:#89A276 }
```

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

Here you see how a box with a 4 pixel #89A276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A276; -webkit-box-shadow:4px 4px  
4px 4px #89A276; box-shadow:4px 4px 4px  
4px #89A276 }
```

# Background

The CSS property to change the background color of an element to Hex 89A276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A276 }
```

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

```
.background{ background-color:#89A276 }
```

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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