

# Converting Colors

Hex(89AE65)

Have a look what the booklet for  
Hex(89AE65) contains.

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**Color**

**Hex(89AE65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89AE65
RGB	137, 174, 101
RGB Percent	54%, 68%, 40%
CMY	0.4627, 0.3176, 0.6039
CMYK	0.21, 0.00, 0.42, 0.32
HSL	90°, 31%, 54%
HSV	90°, 42%, 68%
XYZ	27.8015, 36.5301, 17.8976
YIQ	154.6150, 1.3810, -30.5470

# Conversions

## Conversions Part 2

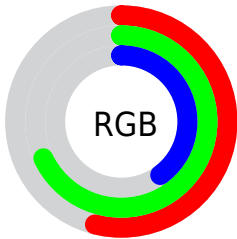
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 174, 138</a>
Decimal	<a href="#">9023077</a>
CIELab	<a href="#">66.92, -25.52, 33.41</a>
CIElCh	<a href="#">67, 42.045, 127.373</a>
Yxy	<a href="#">36.5301, 0.3381, 0.4442</a>
Android (android.graphics.Color)	<a href="#">4287213157 (0xFF89AE65)</a>
YUV	<a href="#">154.6150, -26.4322, -15.4484</a>
Hunter-Lab	<a href="#">60.4401, -23.6628, 24.7510</a>

# Details

The Hex color **89AE65** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A65AE**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **C0E699**, and **557934** is the 20% darker color. If you saturate the color by 10%, you get **80AE54**, and if you desaturate by 10%, it is **92AE76**.

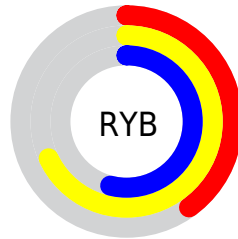
# Distribution



Red (54%)

Green (68%)

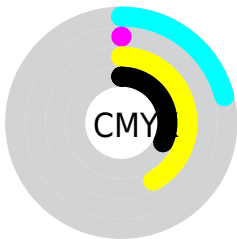
Blue (40%)



Red (40%)

Yellow (68%)

Blue (54%)

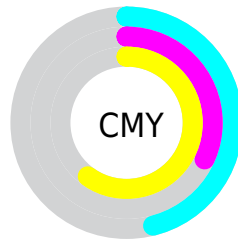


Cyan (21%)

Magenta (0%)

Yellow (42%)

Black (32%)



Cyan (46%)

Magenta (32%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89AE65 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 89AE65 by changing the saturation by 10% instead.





89AE65



89AE65

FFFFFF



6F934C



C0E699



557934



DCFFB4



3C601D



F9FFD0



244803



FFFFEC



0C3100



001F00



000000



89AE65



89AE65



80AE54



92AE76

 77AE42

 9BAE88

 6FAE31

 A3AE99

 66AE1F

 ACAEAB

 5DAE0E

 B5AEBC

 56AE00

 BEAECD

 C7AEDF

 D0AEF0

 D8AEFF

# Harmonies

## Analogous

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



B2A456



89AE65



58B484

# Triad

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



89AE65



1AAFE8



EB849B

# Complementary

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



89AE65



8A65AE

# 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.



DA89C1



89AE65



78A4EE

# Square

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



89AE65



00B5D0



B395DF



E78A77

# Rectangle

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



89AE65



28B69E



B395DF



E785A8

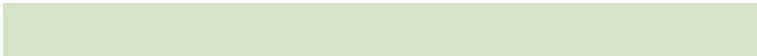


# Sweetspot

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



89AE65



D4E3C5



AE8A65



697360



F2F2F2



737373



# Same Dimension

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



89AE65



A9E371



65AE65



52574E



4A9600



0B1700



# Inverse Universe

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



8A65AE



AB71E3



AE65AE



524E57



4C0096



0C0017



# Previews

## White Background



This preview shows how the Hex color 89AE65 looks on a white background.

## Color Contrast Check

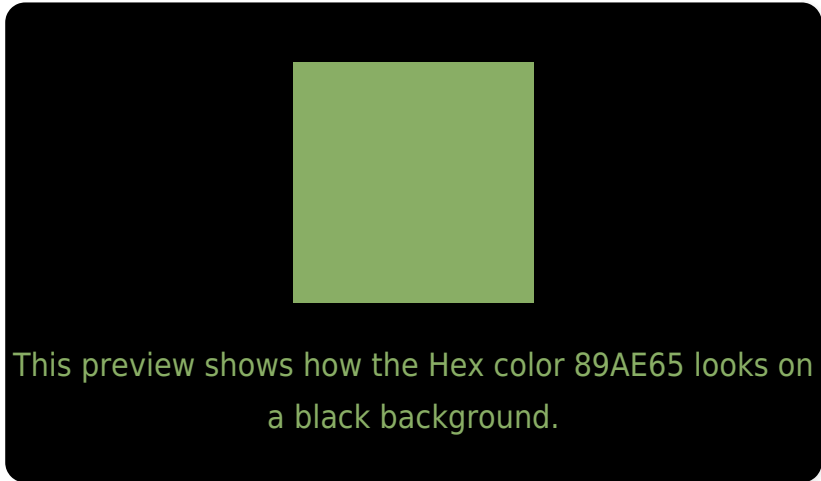
Large Text (above 18pt) WCAG AA × Fail

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

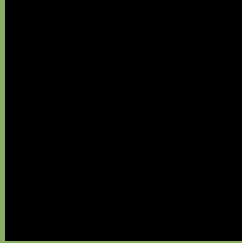
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89AE65 Background



This preview shows how black text looks on a background with the Hex color 89AE65.



This preview shows how white text looks on a background with the Hex color 89AE65.

# 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](#).

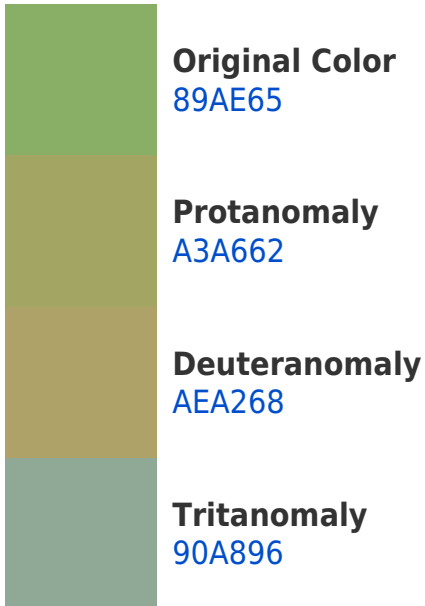
## Dichromacy



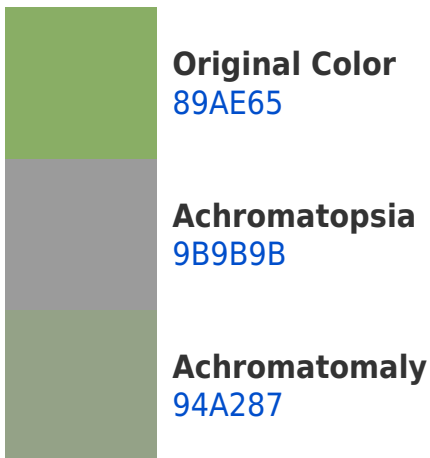


**Tritanopia**  
94A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89AE65 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 #89AE65 looks like.

```
.text, #text, p{  
    color:#89AE65  
}
```

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 #89AE65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89AE65
}
```

## Border

The CSS property to change the border of an element to Hex 89AE65 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
#89AE65 }
```

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

```
.border{ border-color:#89AE65 }
```

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

Here you see how a box with a 4 pixel #89AE65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89AE65; -webkit-box-shadow:4px 4px  
4px 4px #89AE65; box-shadow:4px 4px 4px  
4px #89AE65 }
```

# Background

The CSS property to change the background color of an element to Hex 89AE65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89AE65 }
```

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

```
.background{ background-color:#89AE65 }
```

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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