

# Converting Colors

Hex(849B55)

Have a look what the booklet for  
Hex(849B55) contains.

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**Color**

**Hex(849B55)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	849B55
RGB	132, 155, 85
RGB Percent	52%, 61%, 33%
CMY	0.4824, 0.3922, 0.6667
CMYK	0.15, 0.00, 0.45, 0.39
HSL	80°, 29%, 47%
HSV	80°, 45%, 61%
XYZ	22.8768, 29.0041, 12.9869
YIQ	140.1430, 8.7620, -26.6460

# Conversions

## Conversions Part 2

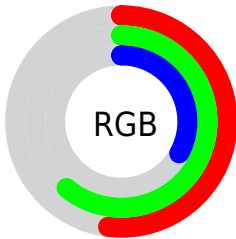
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 155, 108
Decimal	8690517
CIE <sub>Lab</sub>	60.79, -19.95, 33.94
CIE <sub>LCh</sub>	61, 39.369, 120.449
Y <sub>xy</sub>	29.0041, 0.3527, 0.4471
Android (android.graphics.Color)	4286880597 (0xFF849B55)
YUV	140.1430, -27.1855, -7.1414
Hunter-Lab	53.8555, -18.4237, 23.4014

# Details

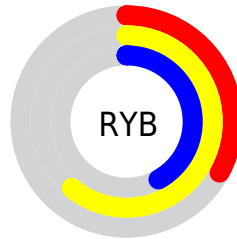
The Hex color **849B55** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6C559B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BAD188**, and **516825** is the 20% darker color. If you saturate the color by 10%, you get **7F9B46**, and if you desaturate by 10%, it is **899B65**.

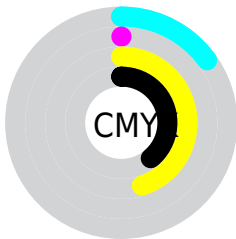
# Distribution



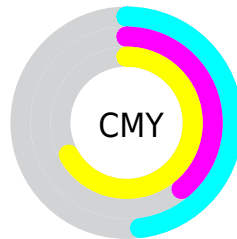
- Red (52%)
- Green (61%)
- Blue (33%)



- Red (33%)
- Yellow (61%)
- Blue (42%)



- Cyan (15%)
- Magenta (0%)
- Yellow (45%)
- Black (39%)



- Cyan (48%)
- Magenta (39%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 849B55 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 849B55 by changing the saturation by 10% instead.





849B55



849B55

FFFFFF



6A813D



BAD188



516825



D6EEA3



38500C



F3FFBE



223900



FFFFDA



072300



FFFFF7



000500



000000



849B55



849B55



7F9B46




899B65

 7A9B36

 8E9B74

 759B27

 939B84

 709B17

 989B93

 6B9B08

 9D9BA3

 689B00

 A39BB2

 A89BC2

 AD9BD1

 B29BE1

# Harmonies

## Analogous

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



A8914C



849B55



59A26F

# Triad

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



849B55



009FCE



D37793

# Complementary

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



849B55



6C559B

# 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.



BE7DB5



849B55



5C96D8

# Square

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



849B55



00A4B5



9689CF



D47A71

# Rectangle

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



849B55



33A486



9689CF



CE789F



# Sweetspot

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



849B55



C0C9AD



9B6B55



606655



E6E6E6



666666



# Same Dimension

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



849B55



A6C95D



629B55



4A4D45



5E8C00



090D00



# Inverse Universe

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



6C559B



805DC9



8E559B



47454D



2E008C



04000D



# Previews

## White Background



This preview shows how the Hex color 849B55 looks on a white background.

## Color Contrast Check

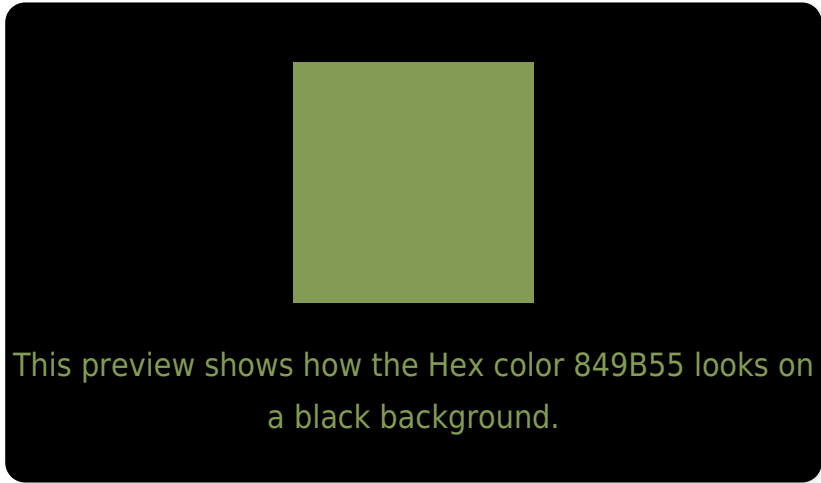
Large Text (above 18pt) WCAG AA ✓ Pass

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 849B55 Background



This preview shows how black text looks on a background with the Hex color 849B55.



This preview shows how white text looks on a background with the Hex color 849B55.

# 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



**Original Color**  
849B55

**Protanopia**  
A19252

**Deuteranopia**  
B18C59



**Tritanopia**  
8E939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 849B55 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 #849B55 looks like.

```
.text, #text, p{  
    color:#849B55  
}
```

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 #849B55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849B55
}
```

## Border

The CSS property to change the border of an element to Hex 849B55 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
#849B55 }
```

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

```
.border{ border-color:#849B55 }
```

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

Here you see how a box with a 4 pixel #849B55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849B55; -webkit-box-shadow:4px 4px  
4px 4px #849B55; box-shadow:4px 4px 4px  
4px #849B55 }
```

# Background

The CSS property to change the background color of an element to Hex 849B55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849B55 }
```

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

```
.background{ background-color:#849B55 }
```

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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