

Converting Colors

Hex(849A76)

Have a look what the booklet for
Hex(849A76) contains.

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Color

Hex(849A76)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 849A76 |
| RGB | 132, 154, 118 |
| RGB Percent | 52%, 60%, 46% |
| CMY | 0.4824, 0.3961, 0.5373 |
| CMYK | 0.14, 0.00, 0.23, 0.40 |
| HSL | 97°, 15%, 53% |
| HSV | 97°, 23%, 60% |
| XYZ | 24.3413, 29.3247, 21.5169 |
| YIQ | 143.3180, -1.5560, -15.8600 |

Conversions

Conversions Part 2

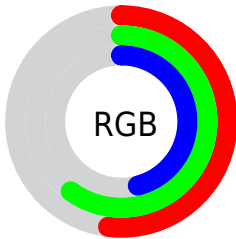
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 118, 154, 140 |
| Decimal | 8690294 |
| CIELab | 61.07, -14.67, 16.38 |
| CIELCh | 61, 21.986, 131.838 |
| Yxy | 29.3247, 0.3238, 0.3900 |
| Android (android.graphics.Color) | 4286880374 (0xFF849A76) |
| YUV | 143.3180, -12.4818, -9.9259 |
| Hunter-Lab | 54.1523, -14.5313, 14.3484 |

Details

The Hex color **849A76** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8C769A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B9D0AA**, and **526745** is the 20% darker color. If you saturate the color by 10%, you get **7B9A67**, and if you desaturate by 10%, it is **8D9A85**.

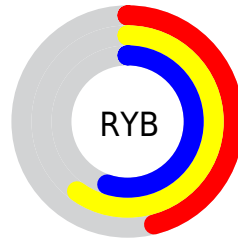
Distribution



Red (52%)

Green (60%)

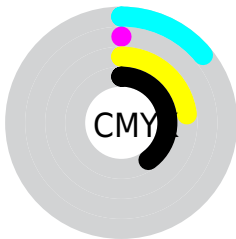
Blue (46%)



Red (46%)

Yellow (60%)

Blue (55%)

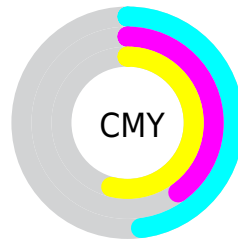


Cyan (14%)

Magenta (0%)

Yellow (23%)

Black (40%)



Cyan (48%)

Magenta (40%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 849A76 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 849A76 by changing the saturation by 10% instead.



849A76



849A76

FFFFFF



6B805D



B9D0AA



526745



D5EDC6



3B4F2F



F2FFE2



24381A

FFFFFFE



112200



000700



000000



849A76



849A76



7B9A67



8D9A85

 719A57

 979A95

 689A48

 A09AA4

 5E9A38

 AA9AB4

 559A29

 B39AC3

 4C9A1A

 BC9AD2

 429A0A

 C69AE2

 3C9A00

 CF9AF1

 D99AFF

Harmonies

Analogous

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



9A956D



849A76



6E9D87

Triad

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



849A76



6C99B8



BB858C

Complementary

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



849A76



8C769A

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.



B387A0



849A76



8693B9

Square

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



849A76



5C9DAD



A08CB0



B8887A

Rectangle

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



849A76



629E94



A08CB0



B98593

Sweetspot

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



849A76



C1C9BB



9A8C76



61665E



E6E6E6



666666

Same Dimension

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



849A76



A7C991



769A7A



484D45



378C00



050D00

Inverse Universe

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



8C769A



B491C9



9A7696



4A454D



56008C



08000D

Previews

White Background



This preview shows how the Hex color 849A76 looks on a white background.

Color Contrast Check

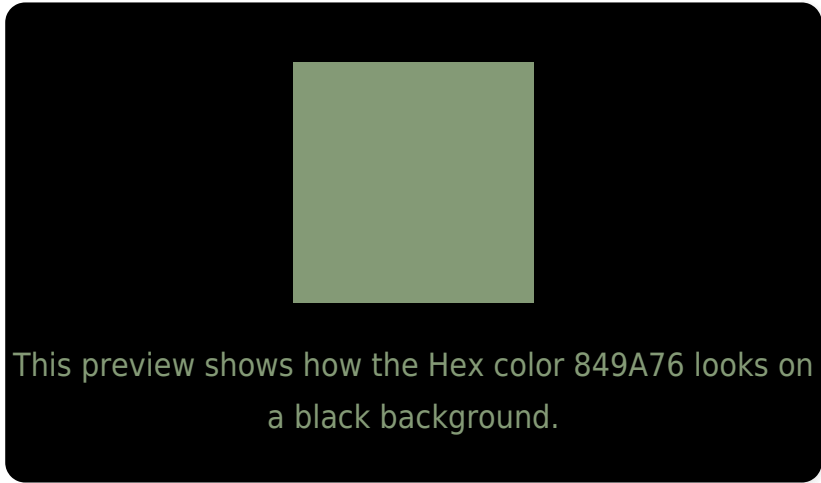
Large Text (above 18pt) WCAG AA ✓ Pass

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

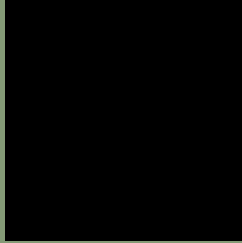
Any Text WCAG AA ✓ Pass

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 849A76 Background



This preview shows how black text looks on a background with the Hex color 849A76.

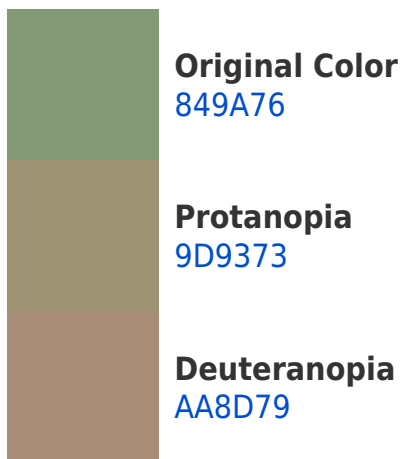


This preview shows how white text looks on a background with the Hex color 849A76.

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
8A94A0

Trichromacy



Original Color
849A76

Protanomaly
949674

Deuteranomaly
9C9278

Tritanomaly
889691

Monochromacy



Original Color
849A76

Achromatopsia
8F8F8F

Achromatomaly
8B9386

CSS Examples

Text

The CSS property to change the color of the text to Hex 849A76 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 #849A76 looks like.

```
.text, #text, p{  
    color:#849A76  
}
```

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 #849A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849A76  
}
```

Border

The CSS property to change the border of an element to Hex 849A76 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  
#849A76 }
```

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

```
.border{ border-color:#849A76 }
```

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

Here you see how a box with a 4 pixel #849A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849A76; -webkit-box-shadow:4px 4px  
4px 4px #849A76; box-shadow:4px 4px 4px  
4px #849A76 }
```

Background

The CSS property to change the background color of an element to Hex 849A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849A76 }
```

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

```
.background{ background-color:#849A76 }
```

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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