

Converting Colors

Hex(849E84)

Have a look what the booklet for
Hex(849E84) contains.

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Color

Hex(849E84)

Conversions

Conversions Part 1

Format	Color
Hex	849E84
RGB	132, 158, 132
RGB Percent	52%, 62%, 52%
CMY	0.4824, 0.3804, 0.4824
CMYK	0.16, 0.00, 0.16, 0.38
HSL	120°, 12%, 57%
HSV	120°, 16%, 62%
XYZ	25.9074, 31.0252, 26.4528
YIQ	147.2620, -7.1500, -13.5980

Conversions

Conversions Part 2

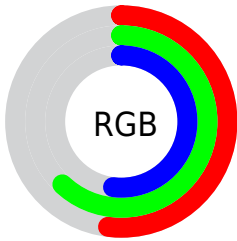
Format	Color
RYB	132, 158, 158
Decimal	8691332
CIELab	62.53, -14.30, 10.60
CIELCh	63, 17.797, 143.450
Yxy	31.0252, 0.3107, 0.3721
Android (android.graphics.Color)	4286881412 (0xFF849E84)
YUV	147.2620, -7.5242, -13.3848
Hunter-Lab	55.7003, -14.4511, 10.8326

Details

The Hex color **849E84** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9E849E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B9D5B9**, and **526B53** is the 20% darker color. If you saturate the color by 10%, you get **749E74**, and if you desaturate by 10%, it is **949E94**.

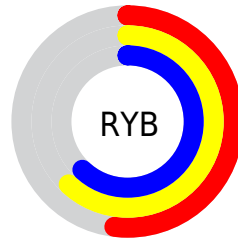
Distribution



Red (52%)

Green (62%)

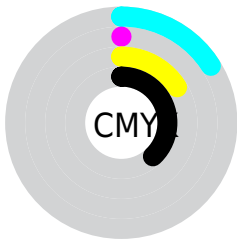
Blue (52%)



Red (52%)

Yellow (62%)

Blue (62%)

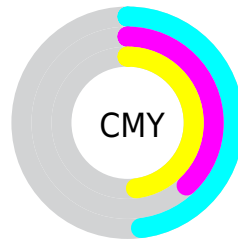


Cyan (16%)

Magenta (0%)

Yellow (16%)

Black (38%)



Cyan (48%)

Magenta (38%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 849E84 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 849E84 by changing the saturation by 10% instead.



849E84



849E84

FFFFFF



6B846B



B9D5B9



526B53



D5F1D5



3B523B



F2FFF1



243B26



0F2511



001000



000000



849E84



849E84



749E74



949E94

 649E64

 A49EA4

 559E55

 B39EB3

 459E45

 C39EC3

 359E35

 D39ED3

 259E25

 E39EE3

 159E15

 F39EF3

 069E06

 FF9EFF

 009E00

Harmonies

Analogous

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



969A7A



849E84



74A093

Triad

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



849E84



819AB6



B88D8B

Complementary

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



849E84



9E849E

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.



B58C9B



849E84



9694B4

Square

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



849E84



719EB0



A88FAA



B3907E

Rectangle

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



849E84



6EA09E



A88FAA



B88C91

Sweetspot

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



849E84



C4CFC4



9E9E84



626962



E8E8E8



696969

Same Dimension

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



849E84



A5CFA5



849E91



474F47



008F00



000F00

Inverse Universe

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



9E849E



CFA5CF



9E8491



4F474F



8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 849E84 looks on a white background.

Color Contrast Check

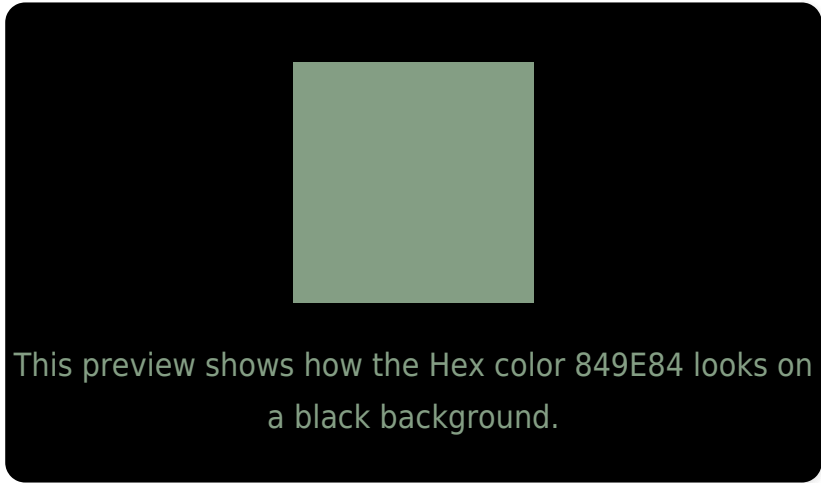
Large Text (above 18pt) WCAG AA × Fail

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

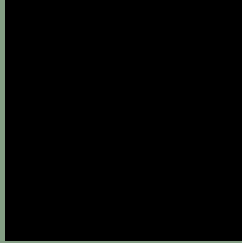
Any Text WCAG AA ✓ Pass

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 849E84 Background



This preview shows how black text looks on a background with the Hex color 849E84.

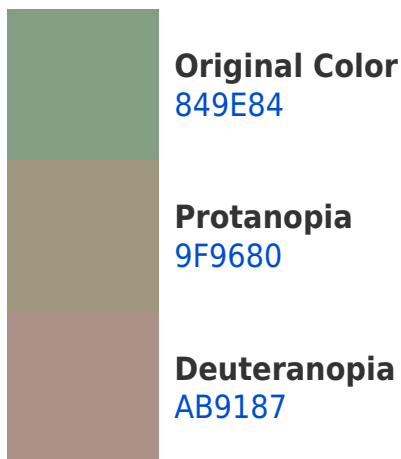


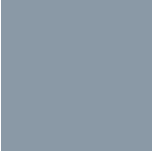
This preview shows how white text looks on a background with the Hex color 849E84.

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



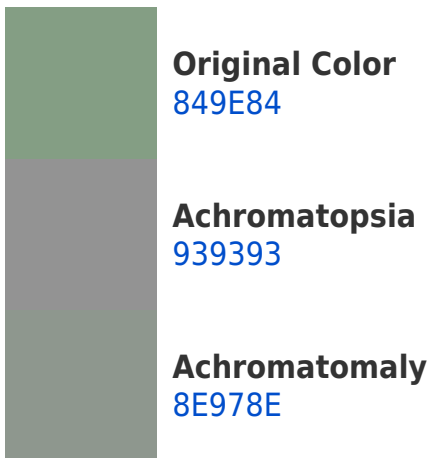


Tritanopia
8A99A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 849E84 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 #849E84 looks like.

```
.text, #text, p{  
    color:#849E84  
}
```

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 #849E84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849E84
}
```

Border

The CSS property to change the border of an element to Hex 849E84 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
#849E84 }
```

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

```
.border{ border-color:#849E84 }
```

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

Here you see how a box with a 4 pixel #849E84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849E84; -webkit-box-shadow:4px 4px  
4px 4px #849E84; box-shadow:4px 4px 4px  
4px #849E84 }
```

Background

The CSS property to change the background color of an element to Hex 849E84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849E84 }
```

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

```
.background{ background-color:#849E84 }
```

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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