

# Converting Colors

Hex(8864A3)

Have a look what the booklet for  
Hex(8864A3) contains.

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# Color

**Hex(8864A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8864A3
RGB	136, 100, 163
RGB Percent	53%, 39%, 64%
CMY	0.4667, 0.6078, 0.3608
CMYK	0.17, 0.39, 0.00, 0.36
HSL	274°, 26%, 52%
HSV	274°, 39%, 64%
XYZ	21.3214, 16.9929, 36.8065
YIQ	117.9460, 1.2330, 27.2250

# Conversions

## Conversions Part 2

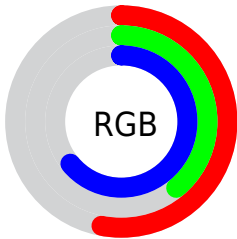
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 100, 163
Decimal	8938659
CIE <sub>Lab</sub>	48.25, 26.86, -28.54
CIE <sub>LCh</sub>	48, 39.195, 313.260
Yxy	16.9929, 0.2838, 0.2262
Android (android.graphics.Color)	4287128739 (0xFF8864A3)
YUV	117.9460, 22.2116, 15.8334
Hunter-Lab	41.2225, 20.1857, -24.0828

# Details

The Hex color **8864A3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7FA364**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BE97DA**, and **55346F** is the 20% darker color. If you saturate the color by 10%, you get **8154A3**, and if you desaturate by 10%, it is **8F74A3**.

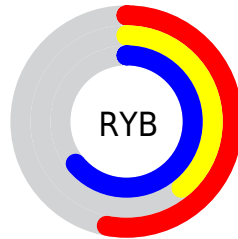
# Distribution



Red (53%)

Green (39%)

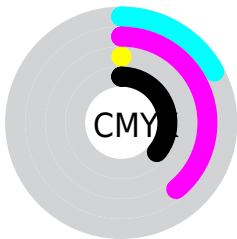
Blue (64%)



Red (53%)

Yellow (39%)

Blue (64%)

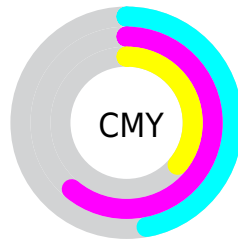


Cyan (17%)

Magenta (39%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (61%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8864A3 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 8864A3 by changing the saturation by 10% instead.



8864A3

8864A3

FFFFFF

6E4C89

BE97DA

55346F

DAB2F7

3C1E56

F7CEFF

25083F

FFEAFF

100029

000112

000000

8864A3

8864A3

8154A3

8F74A3

7A43A3

9685A3

7333A3

9D95A3

6C23A3

A4A5A3

6513A3

ABB5A3

5E02A3

B2C6A3

5D00A3

B9D6A3

C0E6A3

C7F7A3

# Harmonies

## Analogous

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



5571B3



8864A3



A65986

# Triad

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



8864A3



956A32



008381

# Complementary

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



8864A3



7FA364

# 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.



1A825E



8864A3



78752F

# Square

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



8864A3



AA5E47



537D40



00819F

# Rectangle

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



8864A3



AF5670



537D40



008375



# Sweetspot

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



8864A3



C9BAD4



647FA3



655C6B



EBEBEB



6B6B6B



# Same Dimension

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



8864A3



AA72D4



A3649F



4E4952



530091



0A0012



# Inverse Universe

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



A3647F



D4729C



64A368



52494D



91003E

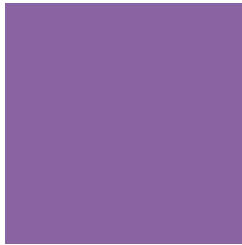


120008



# Previews

## White Background



This preview shows how the Hex color 8864A3 looks on a white background.

## Color Contrast Check

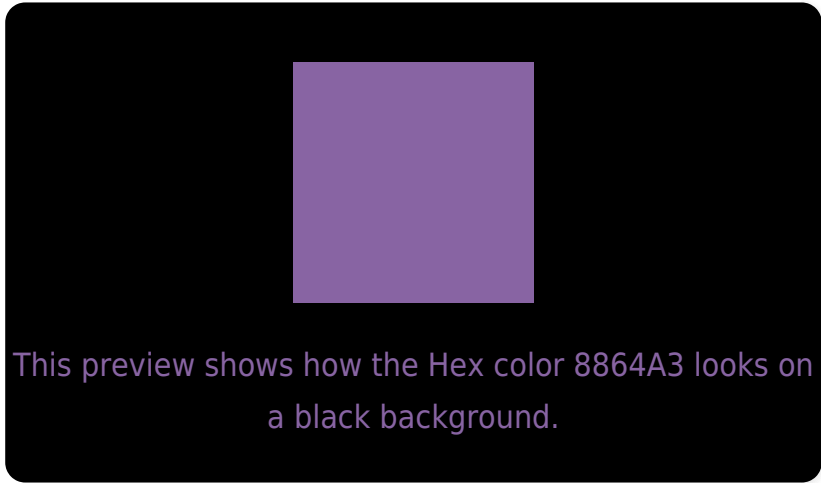
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

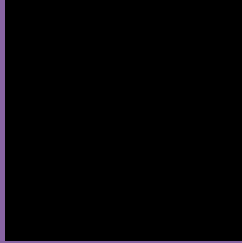
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8864A3 Background



This preview shows how black text looks on a background with the Hex color 8864A3.

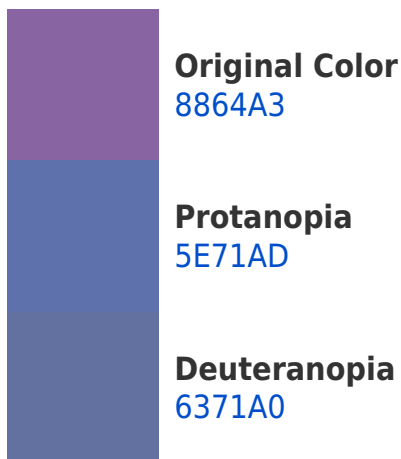


This preview shows how white text looks on a background with the Hex color 8864A3.

# 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](#).

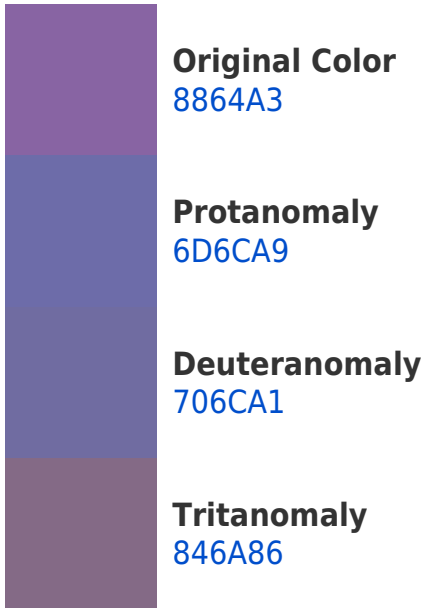
## Dichromacy





**Tritanopia**  
816D76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8864A3 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 #8864A3 looks like.

```
.text, #text, p{  
    color:#8864A3  
}
```

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 #8864A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8864A3
}
```

## Border

The CSS property to change the border of an element to Hex 8864A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

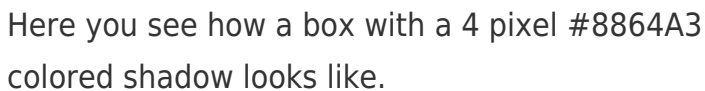
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8864A3 }
```

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

```
.border{ border-color:#8864A3 }
```

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



Here you see how a box with a 4 pixel #8864A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8864A3; -webkit-box-shadow:4px 4px  
4px 4px #8864A3; box-shadow:4px 4px 4px  
4px #8864A3 }
```

# Background

The CSS property to change the background color of an element to Hex 8864A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8864A3 }
```

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

```
.background{ background-color:#8864A3 }
```

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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