

# Converting Colors

Hex(848E97)

Have a look what the booklet for  
Hex(848E97) contains.

<b>Hex(848E97)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(848E97)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	848E97
RGB	132, 142, 151
RGB Percent	52%, 56%, 59%
CMY	0.4824, 0.4431, 0.4078
CMYK	0.13, 0.06, 0.00, 0.41
HSL	208°, 8%, 55%
HSV	208°, 13%, 59%
XYZ	24.7746, 26.4859, 33.0847
YIQ	140.0360, -8.8490, 0.6790

# Conversions

## Conversions Part 2

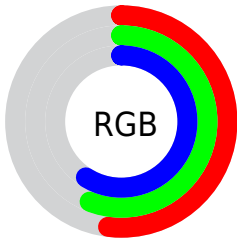
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 139, 151
Decimal	8687255
CIE Lab	58.50, -1.71, -6.02
CIE LCh	58, 6.255, 254.160
Yxy	26.4859, 0.2937, 0.3140
Android (android.graphics.Color)	4286877335 (0xFF848E97)
YUV	140.0360, 5.4053, -7.0476
Hunter-Lab	51.4645, -4.1341, -2.0903

# Details

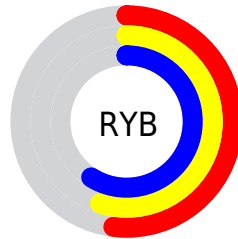
The Hex color **848E97** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **978D84**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B9C4CD**, and **525C64** is the 20% darker color. If you saturate the color by 10%, you get **758797**, and if you desaturate by 10%, it is **939597**.

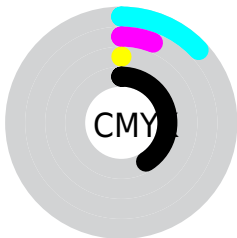
# Distribution



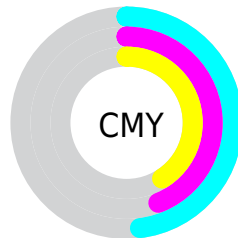
- Red (52%)
- Green (56%)
- Blue (59%)



- Red (52%)
- Yellow (55%)
- Blue (59%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (41%)



- Cyan (48%)
- Magenta (44%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 848E97 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 848E97 by changing the saturation by 10% instead.



■ 848E97

■ 848E97

FFFFFF

■ 6B747D

■ B9C4CD

■ 525C64

■ D5E0E9

■ 3B444C

■ F1FCFF

■ 252E36

■ 111A20

■ 000008

■ 000000

■ 848E97

■ 848E97

■ 758797

■ 939597

■ 668097

■ A29C97

■ 577997

■ B1A397

■ 487197

■ C0AB97

■ 396A97

■ D0B297

■ 296397

■ DFB997

■ 1A5C97

■ EEC097

■ 0B5597

■ FDC797

■ 004F97

■ FFCE97

# Harmonies

## Analogous

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



808F94



848E97



8A8C97

# Triad

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



848E97



99898A



888F85

# Complementary

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



848E97



978D84

# 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.



8F8D82



848E97



988A85

# Square

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



848E97



968990



948B82



839089

# Rectangle

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



848E97



8F8B96



948B82



8A8E84



# Sweetspot

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



848E97



BCC1C4



84978D



5E6163



E3E3E3



636363



# Same Dimension

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



848E97



A7B6C4



848597



45494D



004A8C



00070D



# Inverse Universe

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



97848E



C4A7B6



979684



4D4549



8C004A



0D0007



# Previews

## White Background



This preview shows how the Hex color 848E97 looks on a white background.

## Color Contrast Check

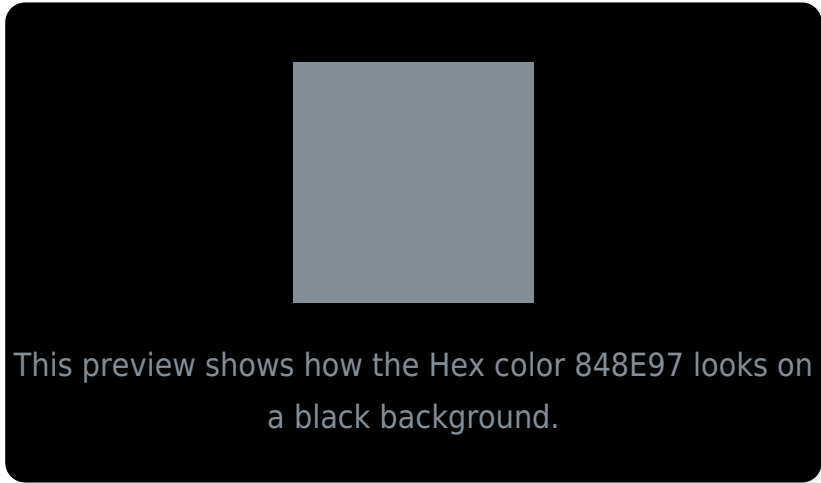
Large Text (above 18pt) WCAG AA ✓ Pass

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

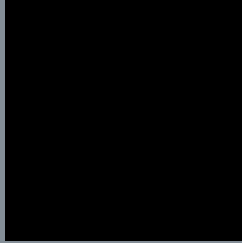
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

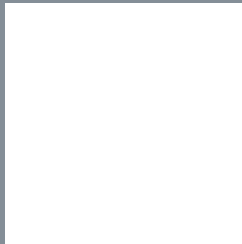
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 848E97 Background



This preview shows how black text looks on a background with the Hex color 848E97.

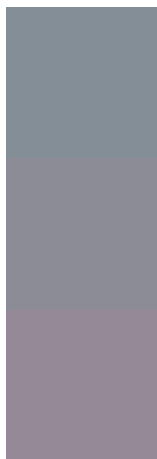


This preview shows how white text looks on a background with the Hex color 848E97.

# 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**  
848E97

**Protanopia**  
8C8C96

**Deuteranopia**  
958998



**Tritanopia**  
848E99

# Trichromacy



**Original Color**  
848E97

**Protanomaly**  
898D96

**Deuteranomaly**  
8F8B98

**Tritanomaly**  
848E98

# Monochromacy



**Original Color**  
848E97

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
898D90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 848E97 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 #848E97 looks like.

```
.text, #text, p{  
    color:#848E97  
}
```

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 #848E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #848E97
}
```

## Border

The CSS property to change the border of an element to Hex 848E97 is called "border". The border property can be set on classes, ids or directly on the HTML element.

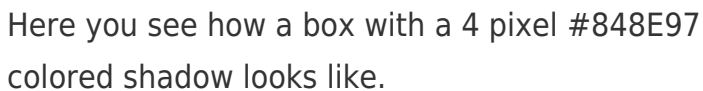
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#848E97 }
```

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

```
.border{ border-color:#848E97 }
```

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



Here you see how a box with a 4 pixel #848E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #848E97; -webkit-box-shadow:4px 4px  
4px 4px #848E97; box-shadow:4px 4px 4px  
4px #848E97 }
```

# Background

The CSS property to change the background color of an element to Hex 848E97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#848E97 }
```

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

```
.background{ background-color:#848E97 }
```

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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