

# Converting Colors

Hex(81848E)

Have a look what the booklet for  
Hex(81848E) contains.

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# Color

**Hex(81848E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81848E
RGB	129, 132, 142
RGB Percent	51%, 52%, 56%
CMY	0.4941, 0.4824, 0.4431
CMYK	0.09, 0.07, 0.00, 0.44
HSL	226°, 5%, 53%
HSV	226°, 9%, 56%
XYZ	22.1870, 23.1226, 28.8849
YIQ	132.2430, -4.9980, 2.4740

# Conversions

## Conversions Part 2

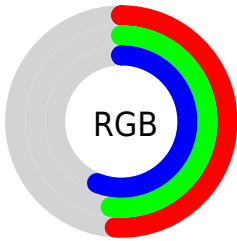
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 131, 142
Decimal	8488078
CIE Lab	55.20, 0.97, -5.75
CIE LCh	55, 5.835, 279.596
Yxy	23.1226, 0.2990, 0.3116
Android (android.graphics.Color)	4286678158 (0xFF81848E)
YUV	132.2430, 4.8102, -2.8441
Hunter-Lab	48.0860, -1.7902, -1.9549

# Details

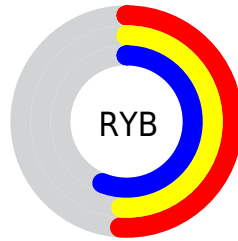
The Hex color **81848E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8E8B81**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B6B9C4**, and **50535C** is the 20% darker color. If you saturate the color by 10%, you get **73798E**, and if you desaturate by 10%, it is **8F8F8E**.

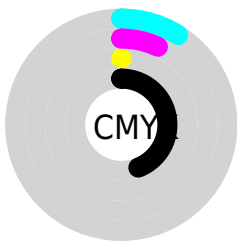
# Distribution



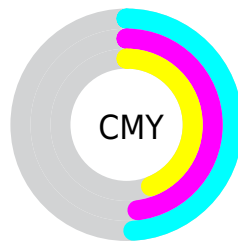
- Red (51%)
- Green (52%)
- Blue (56%)



- Red (51%)
- Yellow (51%)
- Blue (56%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (48%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81848E 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 81848E by changing the saturation by 10% instead.





81848E



81848E

FFFFFF



686B74



B6B9C4



50535C



D1D5E0



393C44



EEF1FC



23262E



0E111A



000000



81848E



81848E



73798E



8F8F8E



656E8E



9D9A8E

56638E

ACA58E

48588E

BAB08E

3A4D8E

C8BB8E

2C428E

D6C68E

1E388E

E4D08E

0F2D8E

F3DB8E

01228E

FFE68E

# Harmonies

## Analogous

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



7B868D



81848E



87828C

# Triad

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



81848E



8F817E



7C8780

# Complementary

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



81848E



8E8B81

# 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.



81867C



81848E



8C837B

# Square

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



81848E



8F8183



87847A



788786

# Rectangle

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



81848E



8B8189



87847A



7D877F



# Sweetspot

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



81848E



B2B3B8



818E8B



58595C



DBDBDB



5C5C5C



# Same Dimension

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



81848E



A3A8B8



84818E



404247



001F87



000208



# Inverse Universe

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



8E8184



B8A3A8



8B8E81



474042



87001F



080002



# Previews

## White Background



This preview shows how the Hex color 81848E looks on a white background.

## Color Contrast Check

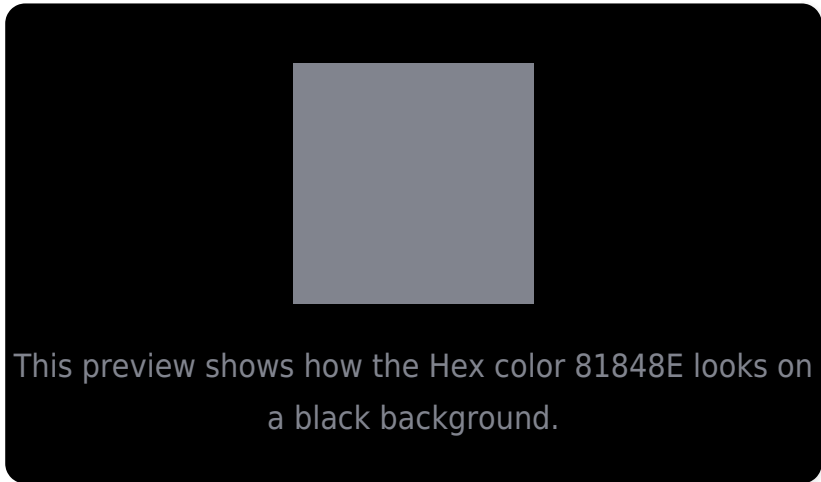
Large Text (above 18pt) WCAG AA ✓ Pass

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

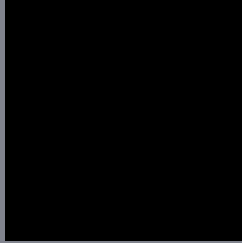
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

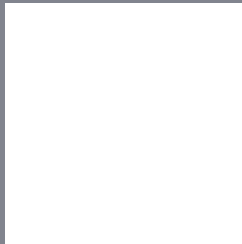
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 81848E Background



This preview shows how black text looks on a background with the Hex color 81848E.



This preview shows how white text looks on a background with the Hex color 81848E.

# 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**

81848E

**Protanopia**

84838E

**Deuteranopia**

8C808F



**Tritanopia**  
81848E

# Trichromacy



**Original Color**  
81848E

**Protanomaly**  
83838E

**Deuteranomaly**  
88818F

**Tritanomaly**  
81848E

# Monochromacy



**Original Color**  
81848E

**Achromatopsia**  
848484

**Achromatomaly**  
838488

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81848E 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 #81848E looks like.

```
.text, #text, p{  
    color:#81848E  
}
```

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 #81848E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81848E
}
```

## Border

The CSS property to change the border of an element to Hex 81848E is called "border". The border property can be set on classes, ids or directly on the HTML element.

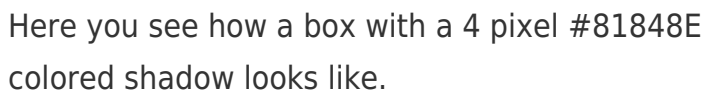
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81848E }
```

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

```
.border{ border-color:#81848E }
```

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



Here you see how a box with a 4 pixel #81848E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81848E; -webkit-box-shadow:4px 4px  
4px 4px #81848E; box-shadow:4px 4px 4px  
4px #81848E }
```

# Background

The CSS property to change the background color of an element to Hex 81848E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81848E }
```

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

```
.background{ background-color:#81848E }
```

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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