

# Converting Colors

Hex(82848E)

Have a look what the booklet for  
Hex(82848E) contains.

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# Color

**Hex(82848E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82848E
RGB	130, 132, 142
RGB Percent	51%, 52%, 56%
CMY	0.4902, 0.4824, 0.4431
CMYK	0.08, 0.07, 0.00, 0.44
HSL	230°, 5%, 53%
HSV	230°, 8%, 56%
XYZ	22.3397, 23.2013, 28.8921
YIQ	132.5420, -4.4020, 2.6860

# Conversions

## Conversions Part 2

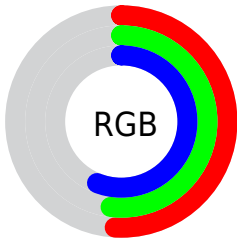
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 132, 142
Decimal	8553614
CIE <sub>Lab</sub>	55.28, 1.33, -5.62
CIE <sub>LCh</sub>	55, 5.780, 283.298
Yxy	23.2013, 0.3001, 0.3117
Android (android.graphics.Color)	4286743694 (0xFF82848E)
YUV	132.5420, 4.6628, -2.2293
Hunter-Lab	48.1678, -1.5073, -1.8460

# Details

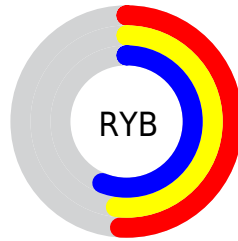
The Hex color **82848E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8E8C82**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B7B9C4**, and **51535C** is the 20% darker color. If you saturate the color by 10%, you get **74788E**, and if you desaturate by 10%, it is **90908E**.

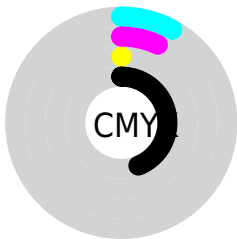
# Distribution



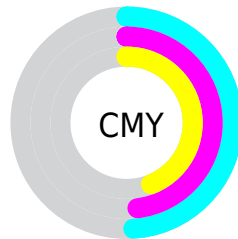
- Red (51%)
- Green (52%)
- Blue (56%)



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



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (44%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 82848E 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 82848E by changing the saturation by 10% instead.



■ 82848E

■ 82848E

FFFFFF

■ 696B74

■ B7B9C4

■ 51535C

■ D3D5E0

■ 3A3C44

■ EFF1FC

■ 24262E

■ 0F111A

■ 000000

■ 82848E

■ 82848E

■ 74788E

■ 90908E

■ 666C8E

■ 9E9C8E

■ 57618E

■ ADA78E

■ 49558E

■ BBB38E

■ 3B498E

■ C9BF8E

■ 2D3D8E

■ D7CB8E

■ 1F318E

■ E5D78E

■ 10258E

■ F4E38E

■ 021A8E

■ FFEE8E

# Harmonies

## Analogous

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



7C868E



82848E



88828C

# Triad

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



82848E



8F827E



7B8781

# Complementary

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



82848E



8E8C82

# 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.



80867D



82848E



8B837B

# Square

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



82848E



8F8182



86857B



788786

# Rectangle

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



82848E



8C8289



86857B



7D8780



# Sweetspot

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



82848E



B2B3B8



828E8C



58595C



DBDBDB



5C5C5C



# Same Dimension

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



82848E



A5A8B8



86828E



404147



001787



000108



# Inverse Universe

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



8E8284



B8A5A8



8A8E82



474041



870017



080001



# Previews

## White Background



This preview shows how the Hex color 82848E looks on a white background.

## Color Contrast Check

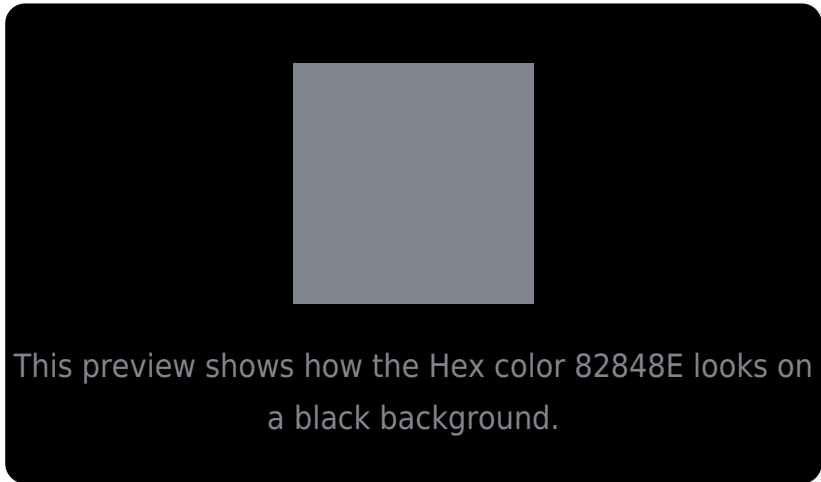
Large Text (above 18pt) WCAG AA ✓ Pass

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

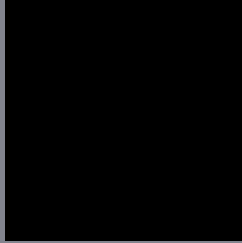
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

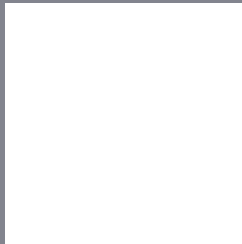
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82848E Background



This preview shows how black text looks on a background with the Hex color 82848E.

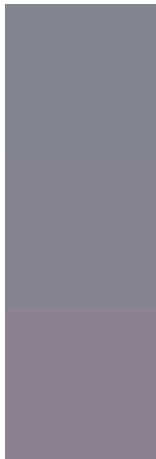


This preview shows how white text looks on a background with the Hex color 82848E.

# 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**  
82848E

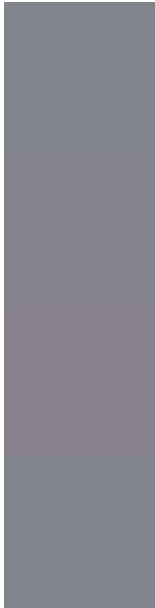
**Protanopia**  
84838E

**Deuteranopia**  
8C818F



**Tritanopia**  
82848E

# Trichromacy



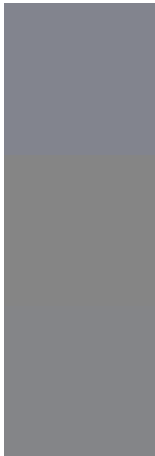
**Original Color**  
82848E

**Protanomaly**  
83838E

**Deuteranomaly**  
88828F

**Tritanomaly**  
82848E

# Monochromacy



**Original Color**  
82848E

**Achromatopsia**  
858585

**Achromatomaly**  
848588

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82848E 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 #82848E looks like.

```
.text, #text, p{  
    color:#82848E  
}
```

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 #82848E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82848E
}
```

## Border

The CSS property to change the border of an element to Hex 82848E is called "border". The border property can be set on classes, ids or directly on the HTML element.

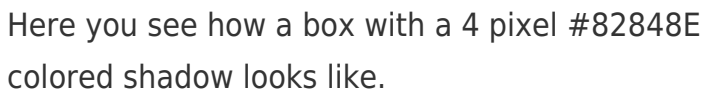
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82848E }
```

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

```
.border{ border-color:#82848E }
```

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



Here you see how a box with a 4 pixel #82848E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82848E; -webkit-box-shadow:4px 4px  
4px 4px #82848E; box-shadow:4px 4px 4px  
4px #82848E }
```

# Background

The CSS property to change the background color of an element to Hex 82848E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82848E }
```

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

```
.background{ background-color:#82848E }
```

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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