

# Converting Colors

Hex(81818B)

Have a look what the booklet for  
Hex(81818B) contains.

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# Color

**Hex(81818B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81818B
RGB	129, 129, 139
RGB Percent	51%, 51%, 55%
CMY	0.4941, 0.4941, 0.4549
CMYK	0.07, 0.07, 0.00, 0.45
HSL	240°, 4%, 53%
HSV	240°, 7%, 55%
XYZ	21.5637, 22.2317, 27.5807
YIQ	130.1400, -3.2100, 3.1100

# Conversions

## Conversions Part 2

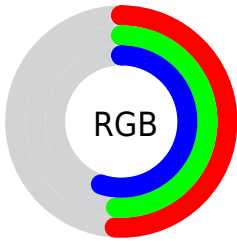
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 129, 139
Decimal	8487307
CIE <sub>Lab</sub>	54.27, 2.06, -5.39
CIE <sub>LCh</sub>	54, 5.765, 290.888
Yxy	22.2317, 0.3021, 0.3115
Android (android.graphics.Color)	4286677387 (0xFF81818B)
YUV	130.1400, 4.3680, -0.9998
Hunter-Lab	47.1505, -0.8786, -1.6763

# Details

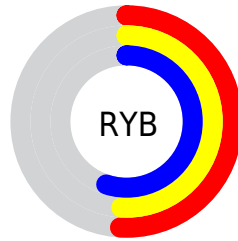
The Hex color **81818B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8B8B81**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B6B6C0**, and **505059** is the 20% darker color. If you saturate the color by 10%, you get **73738B**, and if you desaturate by 10%, it is **8F8F8B**.

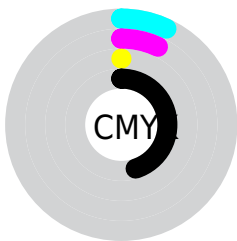
# Distribution



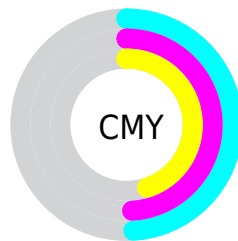
- Red (51%)
- Green (51%)
- Blue (55%)



- Red (51%)
- Yellow (51%)
- Blue (55%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (49%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81818B 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 81818B by changing the saturation by 10% instead.





81818B



81818B

FFFFFF



686872



B6B6C0



505059



D1D1DC



393942



EEEF9



23242C



0E0E17



000000



81818B



81818B



73738B



8F8F8B



65658B



9D9D8B

■ 57578B

■ ABAB8B

■ 49498B

■ B9B98B

■ 3B3B8B

■ C6C68B

■ 2E2E8B

■ D4D48B

■ 20208B

■ E2E28B

■ 12128B

■ F0F08B

■ 04048B

■ FEFE8B

# Harmonies

## Analogous

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



7B838B



81818B



878088

# Triad

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



81818B



8B7F7A



788580

# Complementary

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



81818B



8B8B81

# 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.



7C847B



81818B



888178

# Square

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



81818B



8D7F7E



828378



768585

# Rectangle

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



81818B



8A7F85



828378



79857E



# Sweetspot

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



81818B



B1B1B5



818B8B



5A5A5C



DBDBDB



5C5C5C



# Same Dimension

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



81818B



A5A5B5



86818B



3E3E45



000085



000005



# Inverse Universe

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



8B818B



B5A5B5



868B81



453E45



850085



050005



# Previews

## White Background



This preview shows how the Hex color 81818B looks on a white background.

## Color Contrast Check

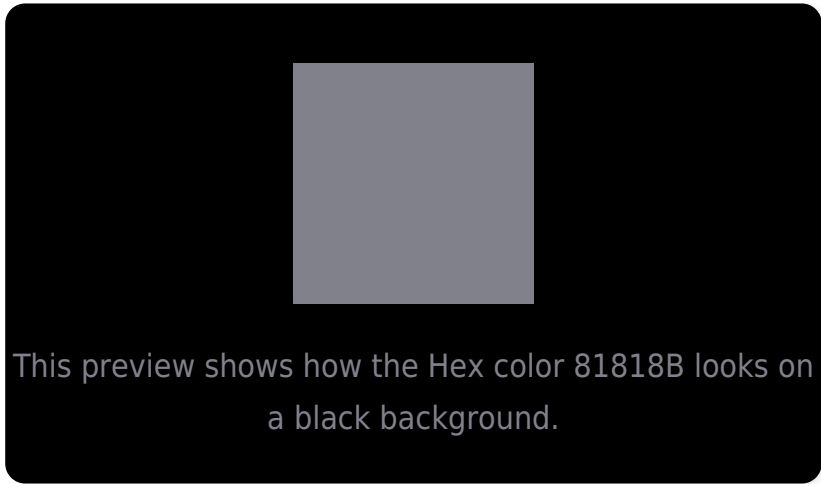
Large Text (above 18pt) WCAG AA ✓ Pass

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

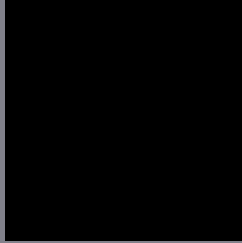
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

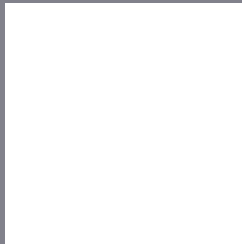
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 81818B Background



This preview shows how black text looks on a background with the Hex color 81818B.



This preview shows how white text looks on a background with the Hex color 81818B.

# 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**  
81818B

**Protanopia**  
81818B

**Deuteranopia**  
8A7E8C



**Tritanopia**  
81818B

# Trichromacy



**Original Color**  
81818B

**Protanomaly**  
81818B

**Deuteranomaly**  
877F8C

**Tritanomaly**  
81818B

# Monochromacy



**Original Color**  
81818B

**Achromatopsia**  
828282

**Achromatomaly**  
828285

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81818B 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 #81818B looks like.

```
.text, #text, p{  
    color:#81818B  
}
```

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 #81818B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81818B
}
```

## Border

The CSS property to change the border of an element to Hex 81818B is called "border". The border property can be set on classes, ids or directly on the HTML element.

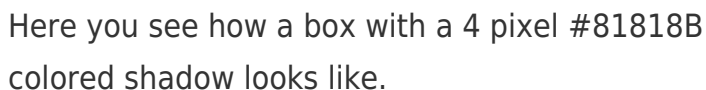
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81818B }
```

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

```
.border{ border-color:#81818B }
```

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



Here you see how a box with a 4 pixel #81818B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81818B; -webkit-box-shadow:4px 4px  
4px 4px #81818B; box-shadow:4px 4px 4px  
4px #81818B }
```

# Background

The CSS property to change the background color of an element to Hex 81818B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81818B }
```

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

```
.background{ background-color:#81818B }
```

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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