

# Converting Colors

Hex(818F83)

Have a look what the booklet for  
Hex(818F83) contains.

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# Color

**Hex(818F83)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 818F83                     |
| RGB           | 129, 143, 131              |
| RGB Percent   | 51%, 56%, 51%              |
| CMY           | 0.4941, 0.4392, 0.4863     |
| CMYK          | 0.10, 0.00, 0.08, 0.44     |
| HSL           | 129°, 6%, 53%              |
| HSV           | 129°, 10%, 56%             |
| XYZ           | 22.9725, 25.9507, 25.2709  |
| YIQ           | 137.4460, -4.4920, -6.7000 |

# Conversions

## Conversions Part 2

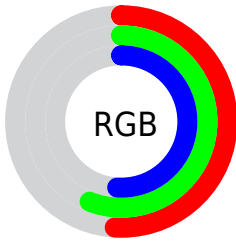
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 129, 141, 143                 |
| Decimal                             | 8490883                       |
| CIE <sub>Lab</sub>                  | 57.99, -7.47, 4.66            |
| CIE <sub>LCh</sub>                  | 58, 8.805, 148.041            |
| Yxy                                 | 25.9507, 0.3096,<br>0.3498    |
| Android<br>(android.graphics.Color) | 4286680963<br>(0xFF818F83)    |
| YUV                                 | 137.4460, -3.1779,<br>-7.4071 |
| Hunter-Lab                          | 50.9419, -8.6529,<br>6.2471   |

# Details

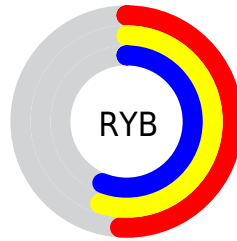
The Hex color **818F83** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8F818D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B6C5B8**, and **505D52** is the 20% darker color. If you saturate the color by 10%, you get **738F77**, and if you desaturate by 10%, it is **8F8F8F**.

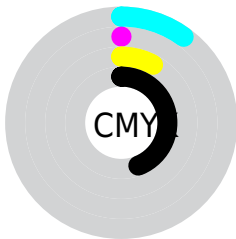
# Distribution



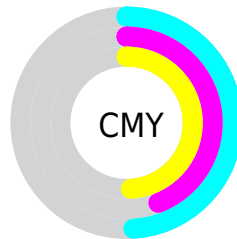
- Red (51%)
- Green (56%)
- Blue (51%)



- Red (51%)
- Yellow (55%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 818F83 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 818F83 by changing the saturation by 10% instead.



818F83

818F83

FFFFFF

68756A

B6C5B8

505D52

D2E1D4

39453B

EEFDF0

232F25

0E1A10

000000

818F83

818F83

738F77

8F8F8F

648F6A

9E8F9C

■ 568F5E

■ AC8FA8

■ 488F52

■ BA8FB4

■ 3A8F46

■ C98FC0

■ 2B8F39

■ D78FCD

■ 1D8F2D

■ E58FD9

■ 0F8F21

■ F38FE5

■ 008F15

■ FF8FF1

# Harmonies

## Analogous

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



8A8D7E



818F83



7A908B

# Triad

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



818F83



838C9B



9C8784

# Complementary

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



818F83



8F818D

# 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.



9B868C



818F83



8C8A99

# Square

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



818F83



7B8E98



958794



99887F

# Rectangle

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



818F83



789090



958794



9C8687



# Sweetspot

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



818F83



B5BAB5



8D8F81



5B5E5B



DEDEDE



5E5E5E



# Same Dimension

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



818F83



A4BAA7



818F8A



404741



008713



000801



# Inverse Universe

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



8F818D



BAA4B7



8F8186



474046



870074

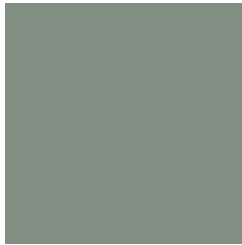


080007



# Previews

## White Background



This preview shows how the Hex color 818F83 looks on a white background.

## Color Contrast Check

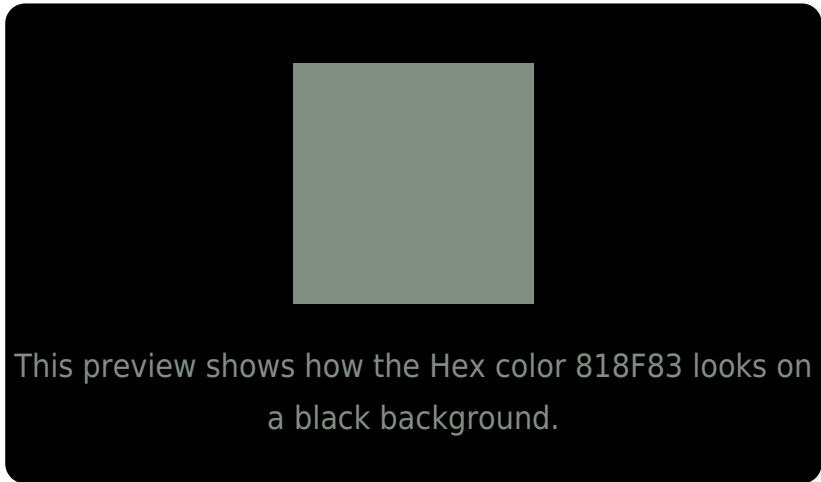
Large Text (above 18pt) WCAG AA ✓ Pass

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

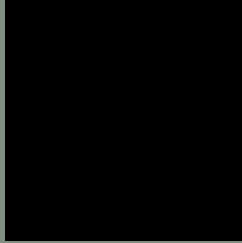
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 818F83 Background



This preview shows how black text looks on a background with the Hex color 818F83.

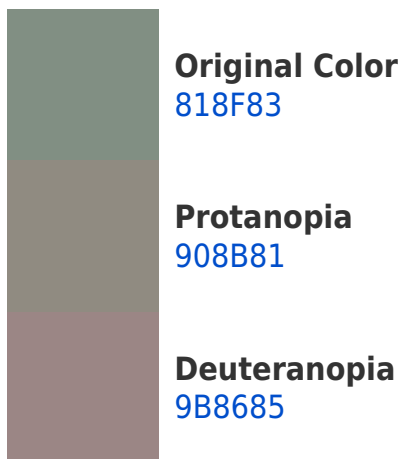


This preview shows how white text looks on a background with the Hex color 818F83.

# 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**  
848C97

# Trichromacy



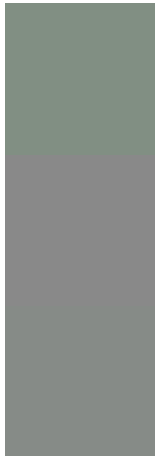
**Original Color**  
818F83

**Protanomaly**  
8B8C82

**Deuteranomaly**  
928984

**Tritanomaly**  
838D90

# Monochromacy



**Original Color**  
818F83

**Achromatopsia**  
898989

**Achromatomaly**  
868B87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 818F83 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 #818F83 looks like.

```
.text, #text, p{  
    color:#818F83  
}
```

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 #818F83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818F83
}
```

## Border

The CSS property to change the border of an element to Hex 818F83 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
#818F83 }
```

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

```
.border{ border-color:#818F83 }
```

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

Here you see how a box with a 4 pixel #818F83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818F83; -webkit-box-shadow:4px 4px  
4px 4px #818F83; box-shadow:4px 4px 4px  
4px #818F83 }
```

# Background

The CSS property to change the background color of an element to Hex 818F83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818F83 }
```

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

```
.background{ background-color:#818F83 }
```

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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