

# Converting Colors

Hex(808C85)

Have a look what the booklet for  
Hex(808C85) contains.

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# Color

Hex(808C85)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	808C85
RGB	128, 140, 133
RGB Percent	50%, 55%, 52%
CMY	0.4980, 0.4510, 0.4784
CMYK	0.09, 0.00, 0.05, 0.45
HSL	145°, 5%, 53%
HSV	145°, 9%, 55%
XYZ	22.5138, 25.0388, 25.8367
YIQ	135.6140, -4.9050, -4.7210

# Conversions

## Conversions Part 2

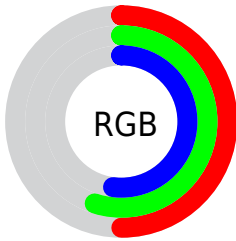
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 136, 140
Decimal	8424581
CIE <sub>Lab</sub>	57.11, -5.78, 2.24
CIE <sub>LCh</sub>	57, 6.195, 158.823
Yxy	25.0388, 0.3068, 0.3412
Android (android.graphics.Color)	4286614661 (0xFF808C85)
YUV	135.6140, -1.2887, -6.6775
Hunter-Lab	50.0388, -7.2559, 4.4138

# Details

The Hex color **808C85** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8C8087**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B5C2BA**, and **4F5A54** is the 20% darker color. If you saturate the color by 10%, you get **728C7D**, and if you desaturate by 10%, it is **8E8C8D**.

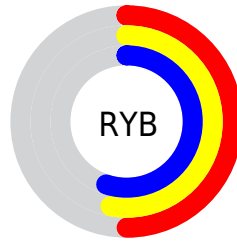
# Distribution



Red (50%)

Green (55%)

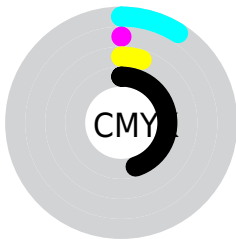
Blue (52%)



Red (50%)

Yellow (53%)

Blue (55%)

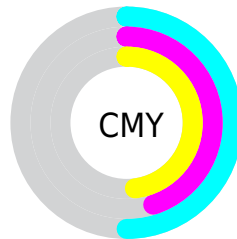


Cyan (9%)

Magenta (0%)

Yellow (5%)

Black (45%)



Cyan (50%)

Magenta (45%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 808C85 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 808C85 by changing the saturation by 10% instead.





808C85



808C85

FFFFFF



67736C



B5C2BA



4F5A54



D0DDD6



38433C



EDFAF2



222C27



0D1812



000000



808C85



808C85



728C7D



8E8C8D



648C75



9C8C95

■ 568C6D

■ AA8C9D

■ 488C64

■ B88CA6

■ 3A8C5C

■ C68CAE

■ 2C8C54

■ D48CB6

■ 1E8C4C

■ E28CBE

■ 108C44

■ F08CC6

■ 028C3C

■ FE8CCE

# Harmonies

## Analogous

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



868B81



808C85



7C8C8A

# Triad

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



808C85



868994



958683

# Complementary

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



808C85



8C8087

# 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.



958588



808C85



8C8791

# Square

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



808C85



808B93



92868D



91877F

# Rectangle

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



808C85



7C8C8E



92868D



958684



# Sweetspot

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



808C85



B0B5B2



878C80



585C5A



DBDBDB



5C5C5C



# Same Dimension

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



808C85



A3B5AA



808C8B



3E4541



008537



000502



# Inverse Universe

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



8C8087



B5A3AE



8C8081



453E42



85004D



050003



# Previews

## White Background



This preview shows how the Hex color 808C85 looks on a white background.

## Color Contrast Check

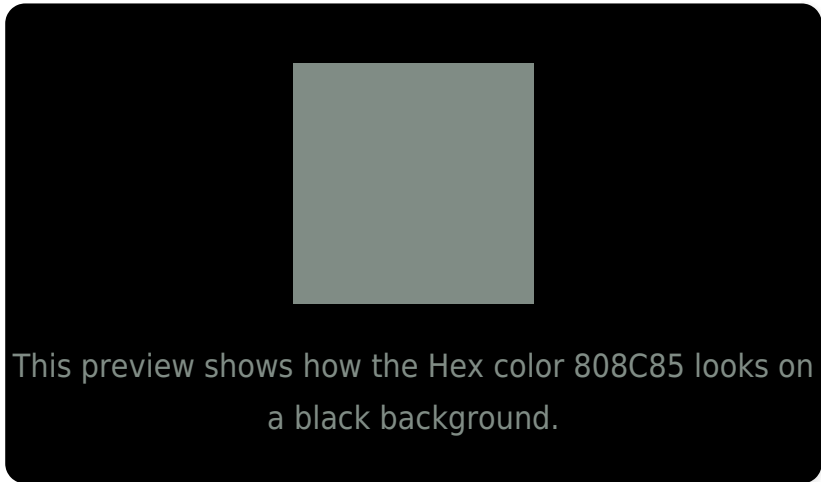
Large Text (above 18pt) WCAG AA ✓ Pass

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

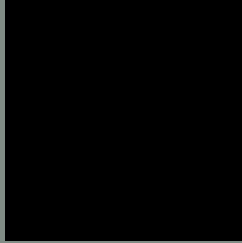
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

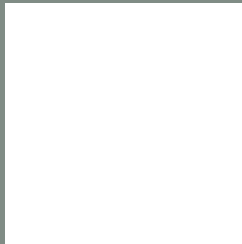
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 808C85 Background



This preview shows how black text looks on a background with the Hex color 808C85.



This preview shows how white text looks on a background with the Hex color 808C85.

# 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](#).

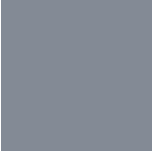
## Dichromacy



**Original Color**  
808C85

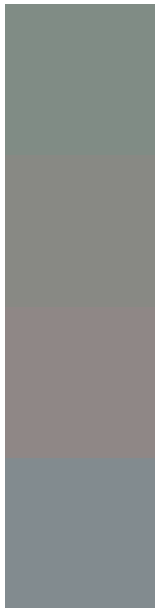
**Protanopia**  
8D8883

**Deuteranopia**  
978487



**Tritanopia**  
838A95

# Trichromacy



**Original Color**  
808C85

**Protanomaly**  
888984

**Deuteranomaly**  
8F8786

**Tritanomaly**  
828B8F

# Monochromacy



**Original Color**  
808C85

**Achromatopsia**  
888888

**Achromatomaly**  
858987

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 808C85 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 #808C85 looks like.

```
.text, #text, p{  
    color:#808C85  
}
```

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 #808C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808C85
}
```

## Border

The CSS property to change the border of an element to Hex 808C85 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
#808C85 }
```

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

```
.border{ border-color:#808C85 }
```

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

Here you see how a box with a 4 pixel #808C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808C85; -webkit-box-shadow:4px 4px  
4px 4px #808C85; box-shadow:4px 4px 4px  
4px #808C85 }
```

# Background

The CSS property to change the background color of an element to Hex 808C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808C85 }
```

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

```
.background{ background-color:#808C85 }
```

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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