

# Converting Colors

Hex(868E88)

Have a look what the booklet for  
Hex(868E88) contains.

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# Color

**Hex(868E88)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	868E88
RGB	134, 142, 136
RGB Percent	53%, 56%, 53%
CMY	0.4745, 0.4431, 0.4667
CMYK	0.06, 0.00, 0.04, 0.44
HSL	135°, 3%, 54%
HSV	135°, 6%, 56%
XYZ	23.9485, 26.1919, 27.0859
YIQ	138.9240, -2.8420, -3.5620

# Conversions

## Conversions Part 2

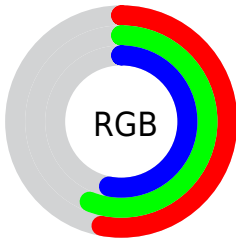
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 140, 142</a>
Decimal	<a href="#">8818312</a>
CIELab	<a href="#">58.22, -4.11, 2.18</a>
CIElCh	<a href="#">58, 4.648, 152.034</a>
Yxy	<a href="#">26.1919, 0.3101, 0.3392</a>
Android (android.graphics.Color)	<a href="#">4287008392</a> (0xFF868E88)
YUV	<a href="#">138.9240, -1.4415, -4.3183</a>
Hunter-Lab	<a href="#">51.1780, -6.0336, 4.4455</a>

# Details

The Hex color **868E88** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8E868C**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **BBC4BD**, and **545C56** is the 20% darker color. If you saturate the color by 10%, you get **788E7D**, and if you desaturate by 10%, it is **948E93**.

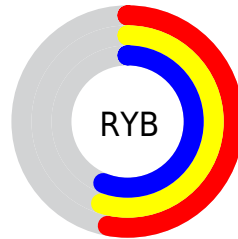
# Distribution



Red (53%)

Green (56%)

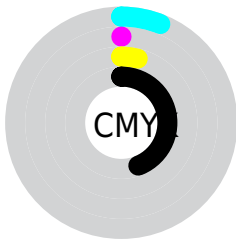
Blue (53%)



Red (53%)

Yellow (55%)

Blue (56%)

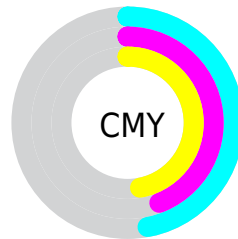


Cyan (6%)

Magenta (0%)

Yellow (4%)

Black (44%)



Cyan (47%)

Magenta (44%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 868E88 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 868E88 by changing the saturation by 10% instead.





868E88



868E88

FFFFFF



6D746F



BBC4BD



545C56



D7E0D9



3D443F



F3FCF5



272E29



131915



000000



868E88



868E88



788E7D



948E93



6A8E73



A28E9D

■ 5B8E68

■ B18EA8

■ 4D8E5D

■ BF8EB3

■ 3F8E53

■ CD8EBD

■ 318E48

■ DB8EC8

■ 238E3D

■ E98ED3

■ 148E33

■ F88EDD

■ 068E28

■ FF8EE8

# Harmonies

## Analogous

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



8A8D85



868E88



838E8C

# Triad

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



868E88



888C94



958A88

# Complementary

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



868E88



8E868C

# 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.



94898C



868E88



8D8B93

# Square

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



868E88



848D93



928A90



938A85

# Rectangle

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



868E88



828E8F



928A90



958989



# Sweetspot

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



868E88



B4B8B5



8C8E86



5A5C5A



DBDBDB



5C5C5C



# Same Dimension

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



868E88



ABB8AE



868E8C



424743



008722



000802



# Inverse Universe

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



8E868C



B8ABB4



8E8688



474246



870065



080006



# Previews

## White Background



This preview shows how the Hex color 868E88 looks on a white background.

## Color Contrast Check

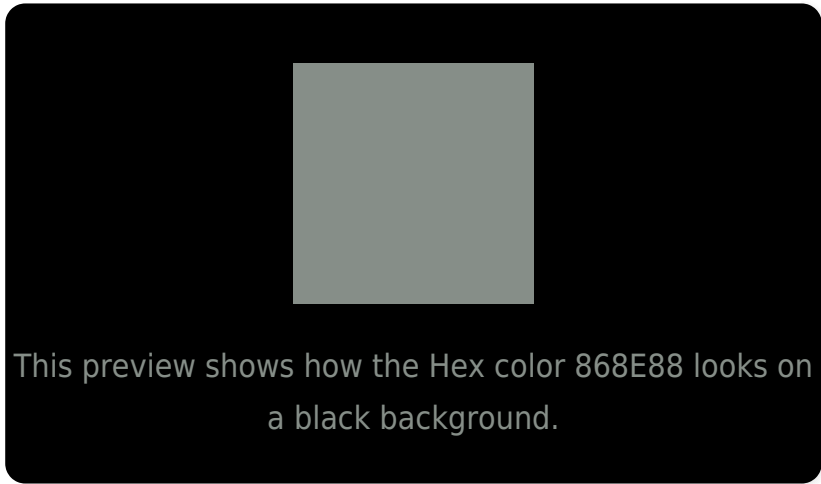
Large Text (above 18pt) WCAG AA ✓ Pass

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

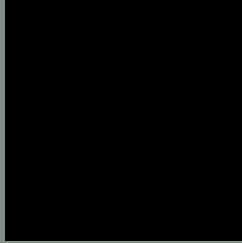
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

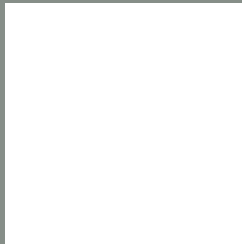
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 868E88 Background



This preview shows how black text looks on a background with the Hex color 868E88.



This preview shows how white text looks on a background with the Hex color 868E88.

# 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**

868E88

**Protanopia**

908B86

**Deuteranopia**

9A8789



**Tritanopia**  
888C97

# Trichromacy



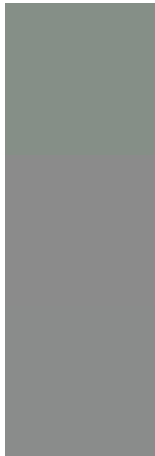
**Original Color**  
868E88

**Protanomaly**  
8C8C87

**Deuteranomaly**  
938A89

**Tritanomaly**  
878D92

# Monochromacy



**Original Color**  
868E88

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
898C8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 868E88 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 #868E88 looks like.

```
.text, #text, p{  
    color:#868E88  
}
```

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 #868E88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868E88  
}
```

## Border

The CSS property to change the border of an element to Hex 868E88 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  
#868E88 }
```

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

```
.border{ border-color:#868E88 }
```

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

Here you see how a box with a 4 pixel #868E88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868E88; -webkit-box-shadow:4px 4px  
4px 4px #868E88; box-shadow:4px 4px 4px  
4px #868E88 }
```

# Background

The CSS property to change the background color of an element to Hex 868E88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868E88 }
```

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

```
.background{ background-color:#868E88 }
```

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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