

# Converting Colors

Hex(868891)

Have a look what the booklet for  
Hex(868891) contains.

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# Color

**Hex(868891)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	868891
RGB	134, 136, 145
RGB Percent	53%, 53%, 57%
CMY	0.4745, 0.4667, 0.4314
CMYK	0.08, 0.06, 0.00, 0.43
HSL	229°, 5%, 55%
HSV	229°, 8%, 57%
XYZ	23.7465, 24.7210, 30.3081
YIQ	136.4280, -4.0810, 2.3750

# Conversions

## Conversions Part 2

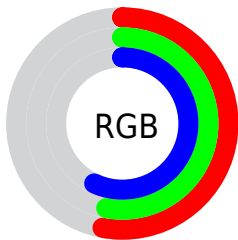
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 136, 145</a>
Decimal	<a href="#">8816785</a>
CIELab	<a href="#">56.80, 1.11, -5.06</a>
CIELCh	<a href="#">57, 5.184, 282.350</a>
Yxy	<a href="#">24.7210, 0.3014, 0.3138</a>
Android (android.graphics.Color)	<a href="#">4287006865 (0xFF868891)</a>
YUV	<a href="#">136.4280, 4.2260, -2.1294</a>
Hunter-Lab	<a href="#">49.7202, -1.7582, -1.3375</a>

# Details

The Hex color **868891** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **918F86**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **BBBDC7**, and **54565F** is the 20% darker color. If you saturate the color by 10%, you get **787C91**, and if you desaturate by 10%, it is **959491**.

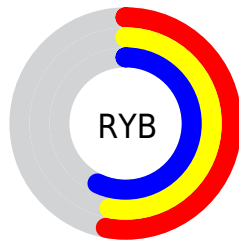
# Distribution



Red (53%)

Green (53%)

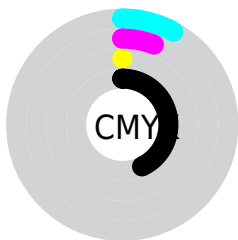
Blue (57%)



Red (53%)

Yellow (53%)

Blue (57%)

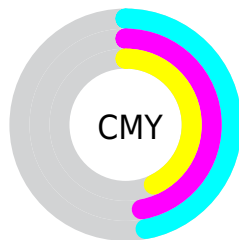


Cyan (8%)

Magenta (6%)

Yellow (0%)

Black (43%)



Cyan (47%)

Magenta (47%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 868891 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 868891 by changing the saturation by 10% instead.





868891



868891

FFFFFF



6D6F77



BBBDC7



54565F



D7D9E3



3D3F47



F3F5FF



272931



13151C



000000



868891



868891



787C91



959491



697091



A3A091

■ 5B6491

■ B2AC91

■ 4C5991

■ C0B791

■ 3E4D91

■ CFC391

■ 2F4191

■ DDCF91

■ 213591

■ ECDB91

■ 122991

■ FAE791

■ 041D91

■ FFF391

# Harmonies

## Analogous

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



818991



868891



8C878F

# Triad

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



868891



928682



808B85

# Complementary

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



868891



918F86

# 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.



858A82



868891



8F8780

# Square

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



868891



928587



8A897F



7E8B8A

# Rectangle

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



868891



8F868D



8A897F



828B84



# Sweetspot

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



868891



B9BABD



86918F



5C5D5E



DEDEDE



5E5E5E



# Same Dimension

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



868891



ACAFBD



898691



404247



001987



000108



# Inverse Universe

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



918688



BDACAF



8E9186



474042



870019



080001



# Previews

## White Background



This preview shows how the Hex color 868891 looks on a white background.

## Color Contrast Check

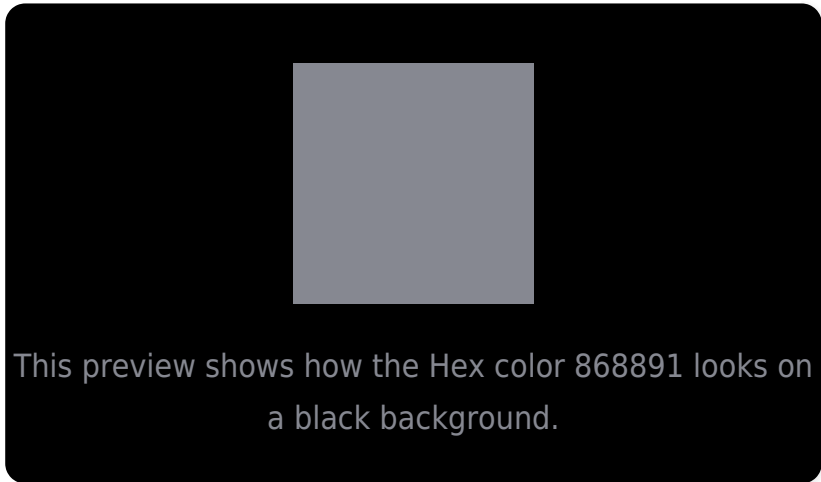
Large Text (above 18pt) WCAG AA ✓ Pass

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

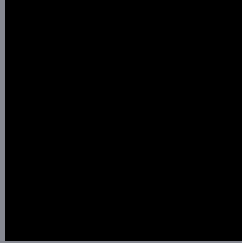
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

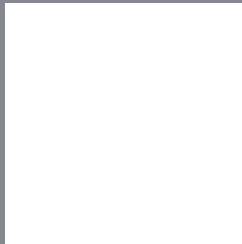
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 868891 Background



This preview shows how black text looks on a background with the Hex color 868891.



This preview shows how white text looks on a background with the Hex color 868891.

# 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**  
868891

**Protanopia**  
888791

**Deuteranopia**  
918492



**Tritanopia**  
868893

# Trichromacy



**Original Color**  
868891

**Protanomaly**  
878791

**Deuteranomaly**  
8D8592

**Tritanomaly**  
868892

# Monochromacy



**Original Color**  
868891

**Achromatopsia**  
888888

**Achromatomaly**  
87888B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 868891 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 #868891 looks like.

```
.text, #text, p{  
    color:#868891  
}
```

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 #868891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868891
}
```

## Border

The CSS property to change the border of an element to Hex 868891 is called "border". The border property can be set on classes, ids or directly on the HTML element.

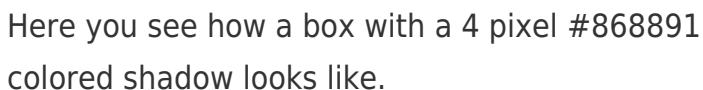
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#868891 }
```

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

```
.border{ border-color:#868891 }
```

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



Here you see how a box with a 4 pixel #868891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868891; -webkit-box-shadow:4px 4px  
4px 4px #868891; box-shadow:4px 4px 4px  
4px #868891 }
```

# Background

The CSS property to change the background color of an element to Hex 868891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868891 }
```

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

```
.background{ background-color:#868891 }
```

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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