

# Converting Colors

Hex(8C868A)

Have a look what the booklet for  
Hex(8C868A) contains.

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# Color

**Hex(8C868A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C868A
RGB	140, 134, 138
RGB Percent	55%, 53%, 54%
CMY	0.4510, 0.4745, 0.4588
CMYK	0.00, 0.04, 0.01, 0.45
HSL	320°, 3%, 54%
HSV	320°, 4%, 55%
XYZ	23.9278, 24.4606, 27.5050
YIQ	136.2500, 2.2920, 2.5160

# Conversions

## Conversions Part 2

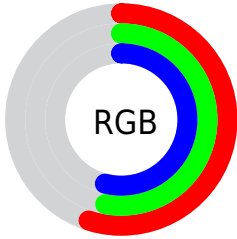
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 134, 138
Decimal	9209482
CIELab	56.55, 3.01, -1.35
CIELCh	57, 3.302, 335.873
Yxy	24.4606, 0.3153, 0.3223
Android (android.graphics.Color)	4287399562 (0xFF8C868A)
YUV	136.2500, 0.8628, 3.2887
Hunter-Lab	49.4577, -0.1922, 1.6473

# Details

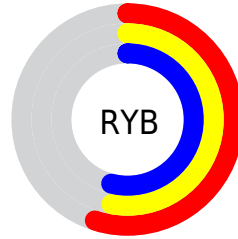
The Hex color **8C868A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **868C88**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **C2BBBF**, and **5A5458** is the 20% darker color. If you saturate the color by 10%, you get **8C7885**, and if you desaturate by 10%, it is **8C948F**.

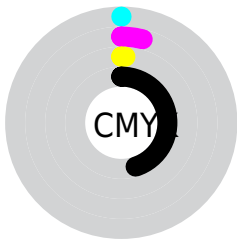
# Distribution



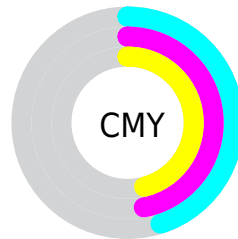
- Red (55%)
- Green (53%)
- Blue (54%)



- Red (55%)
- Yellow (53%)
- Blue (54%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (45%)



- Cyan (45%)
- Magenta (47%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C868A 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 8C868A by changing the saturation by 10% instead.



8C868A

8C868A

FFFFFF

736D71

C2BBBF

5A5458

DDD7DB

433D41

FAF3F8

2C282B

181316

000000

8C868A

8C868A

8C7885

8C948F

8C6A81

8CA293

 8C5C7C

 8CB098

 8C4E77

 8CBE9D

 8C4073

 8CCCA1

 8C326E

 8CDAA6

 8C2469

 8CE8AB

 8C1665

 8CF6AF

 8C0860

 8CFFB4

# Harmonies

## Analogous

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



89878C



8C868A



8E8687

# Triad

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



8C868A



8A8882



81898B

# Complementary

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



8C868A



868C88

# 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.



818988



8C868A



868883

# Square

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



8C868A



8C8782



838985



82898D

# Rectangle

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



8C868A



8E8685



838985



81898A



# Sweetspot

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



8C868A



B5B3B4



88868C



5C5B5B



DBDBDB



5C5C5C



# Same Dimension

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



8C868A



B5ACB2



8C8687



454143



850058



050003



# Inverse Universe

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



8C868A



B5ACB2



868C8B



454143



850058



050003



# Previews

## White Background



This preview shows how the Hex color 8C868A looks on a white background.

## Color Contrast Check

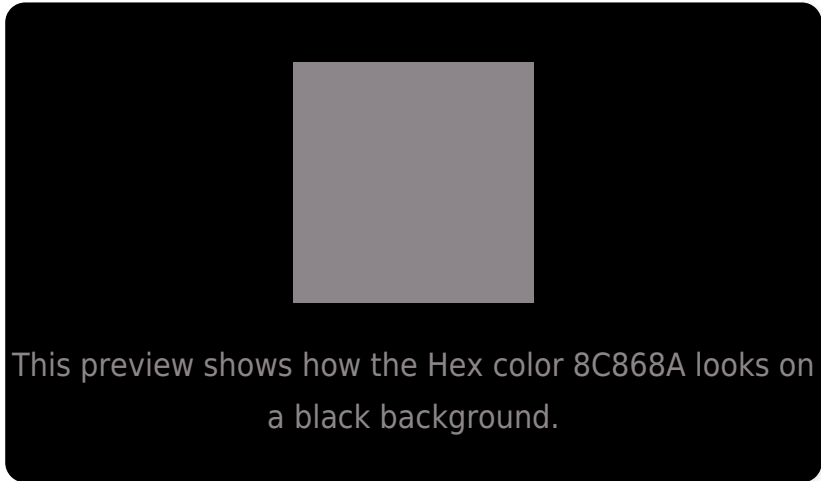
Large Text (above 18pt) WCAG AA ✓ Pass

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

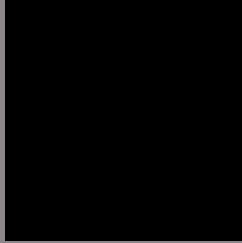
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

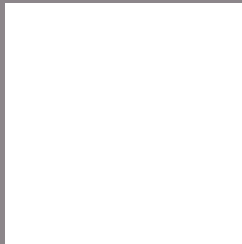
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8C868A Background



This preview shows how black text looks on a background with the Hex color 8C868A.



This preview shows how white text looks on a background with the Hex color 8C868A.

# 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**

8C868A

**Protanopia**

89878B

**Deuteranopia**

93838B



**Tritanopia**  
8D8590

# Trichromacy



**Original Color**

8C868A

**Protanomaly**

8A878B

**Deuteranomaly**

90848B

**Tritanomaly**

8D858E

# Monochromacy



**Original Color**

8C868A

**Achromatopsia**

888888

**Achromatomaly**

898789

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C868A 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 #8C868A looks like.

```
.text, #text, p{  
    color:#8C868A  
}
```

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 #8C868A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C868A
}
```

## Border

The CSS property to change the border of an element to Hex 8C868A is called "border". The border property can be set on classes, ids or directly on the HTML element.

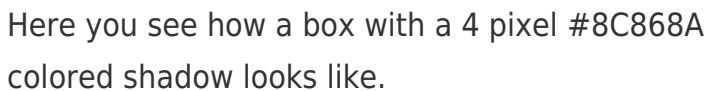
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C868A }
```

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

```
.border{ border-color:#8C868A }
```

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



Here you see how a box with a 4 pixel #8C868A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C868A; -webkit-box-shadow:4px 4px  
4px 4px #8C868A; box-shadow:4px 4px 4px  
4px #8C868A }
```

# Background

The CSS property to change the background color of an element to Hex 8C868A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C868A }
```

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

```
.background{ background-color:#8C868A }
```

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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