

# Converting Colors

Hex(88969A)

Have a look what the booklet for  
Hex(88969A) contains.

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# Color

Hex(88969A)

# Conversions

## Conversions Part 1

Format	Color
Hex	88969A
RGB	136, 150, 154
RGB Percent	53%, 59%, 60%
CMY	0.4667, 0.4118, 0.3961
CMYK	0.12, 0.03, 0.00, 0.40
HSL	193°, 8%, 57%
HSV	193°, 12%, 60%
XYZ	26.8924, 29.3800, 34.8254
YIQ	146.2700, -9.6280, -1.7240

# Conversions

## Conversions Part 2

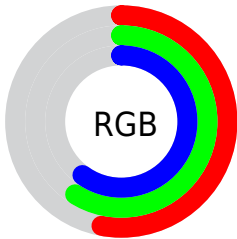
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 144, 154
Decimal	8951450
CIE <sub>Lab</sub>	61.12, -4.15, -3.82
CIE <sub>LCh</sub>	61, 5.637, 222.627
Yxy	29.3800, 0.2952, 0.3225
Android (android.graphics.Color)	4287141530 (0xFF88969A)
YUV	146.2700, 3.8109, -9.0068
Hunter-Lab	54.2033, -6.2949, -0.1512

# Details

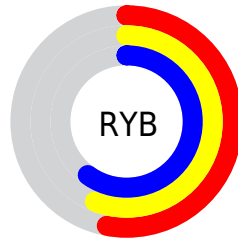
The Hex color **88969A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9A8C88**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **BDCCD0**, and **566367** is the 20% darker color. If you saturate the color by 10%, you get **79939A**, and if you desaturate by 10%, it is **97999A**.

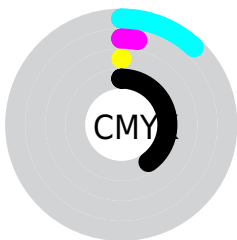
# Distribution



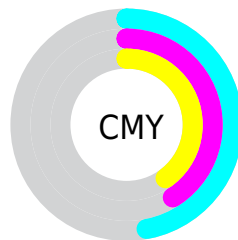
- Red (53%)
- Green (59%)
- Blue (60%)



- Red (53%)
- Yellow (56%)
- Blue (60%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (47%)
- Magenta (41%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88969A 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 88969A by changing the saturation by 10% instead.





88969A



88969A

FFFFFF



6F7C80



BDCCD0



566367



D9E8ED



3F4B4F



F6FFFF



293538



142023



00080D



000000



88969A



88969A



79939A



97999A

698F9A

A79D9A

5A8C9A

B6A09A

4A889A

C6A49A

3B859A

D5A79A

2C819A

E4AB9A

1C7E9A

F4AE9A

0D7B9A

FFB19A

00789A

FFB59A

# Harmonies

## Analogous

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



889795



88969A



8B959D

# Triad

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



88969A



9C9097



96948A

# Complementary

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



88969A



9A8C88

# 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.



9B928A



88969A



9E9091

# Square

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



88969A



97929B



9E918D



90958C

# Rectangle

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



88969A



8F949D



9E918D



97938A



# Sweetspot

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



88969A



C1C8C9



889A8C



616566



E6E6E6



666666



# Same Dimension

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



88969A



ADC3C9



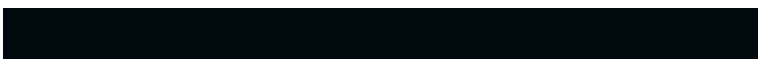
888D9A



454B4D



006D8C



000A0D



# Inverse Universe

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



9A8896



C9ADC3



9A9588



4D454B



8C006D



0D000A



# Previews

## White Background



This preview shows how the Hex color 88969A looks on a white background.

## Color Contrast Check

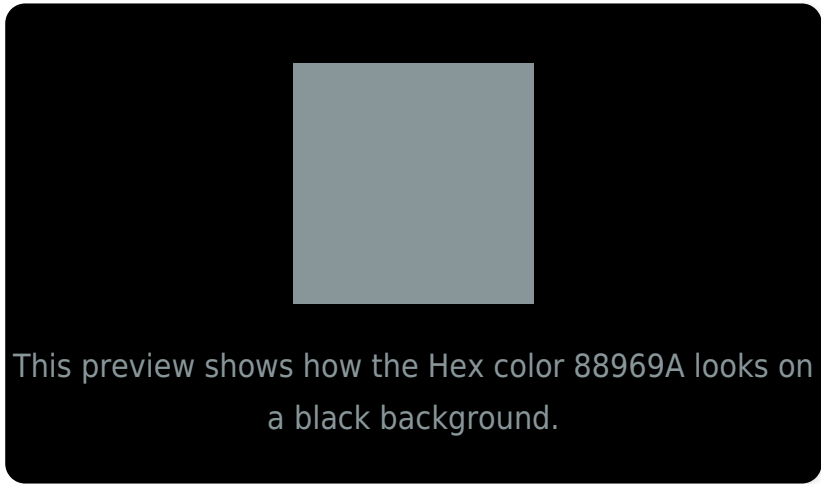
Large Text (above 18pt) WCAG AA ✓ Pass

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

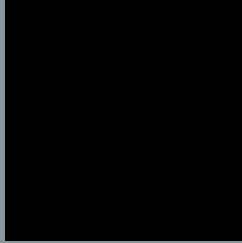
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

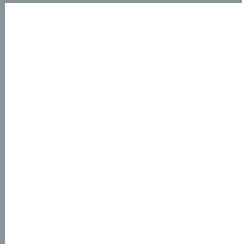
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 88969A Background



This preview shows how black text looks on a background with the Hex color 88969A.



This preview shows how white text looks on a background with the Hex color 88969A.

# 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**  
88969A

**Protanopia**  
959298

**Deuteranopia**  
9E8F9B



**Tritanopia**  
8995A1

# Trichromacy



**Original Color**  
88969A

**Protanomaly**  
909399

**Deuteranomaly**  
96929B

**Tritanomaly**  
89959E

# Monochromacy



**Original Color**  
88969A

**Achromatopsia**  
929292

**Achromatomaly**  
8E9395

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88969A 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 #88969A looks like.

```
.text, #text, p{  
    color:#88969A  
}
```

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 #88969A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88969A
}
```

## Border

The CSS property to change the border of an element to Hex 88969A 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
#88969A }
```

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

```
.border{ border-color:#88969A }
```

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

Here you see how a box with a 4 pixel #88969A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88969A; -webkit-box-shadow:4px 4px  
4px 4px #88969A; box-shadow:4px 4px 4px  
4px #88969A }
```

# Background

The CSS property to change the background color of an element to Hex 88969A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88969A }
```

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

```
.background{ background-color:#88969A }
```

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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