

# Converting Colors

Hex(96969F)

Have a look what the booklet for  
Hex(96969F) contains.

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# **Color**

**Hex(96969F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96969F
RGB	150, 150, 159
RGB Percent	59%, 59%, 62%
CMY	0.4118, 0.4118, 0.3765
CMYK	0.06, 0.06, 0.00, 0.38
HSL	240°, 4%, 61%
HSV	240°, 6%, 62%
XYZ	29.7420, 30.7999, 37.1783
YIQ	151.0260, -2.8890, 2.7990

# Conversions

## Conversions Part 2

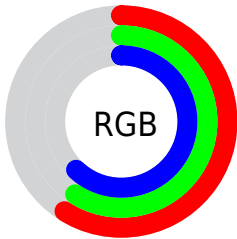
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 150, 159
Decimal	9868959
CIELab	62.34, 1.79, -4.72
CIElCh	62, 5.050, 290.741
Yxy	30.7999, 0.3044, 0.3152
Android (android.graphics.Color)	4288059039 (0xFF96969F)
YUV	151.0260, 3.9312, -0.8998
Hunter-Lab	55.4977, -1.4601, -0.8704

# Details

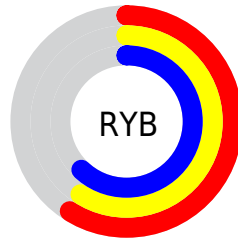
The Hex color **96969F** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9F9F96**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CCCCCCD6**, and **63636C** is the 20% darker color. If you saturate the color by 10%, you get **86869F**, and if you desaturate by 10%, it is **A6A69F**.

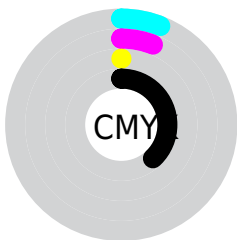
# Distribution



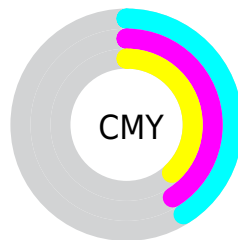
- Red (59%)
- Green (59%)
- Blue (62%)



- Red (59%)
- Yellow (59%)
- Blue (62%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (41%)
- Magenta (41%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96969F 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 96969F by changing the saturation by 10% instead.





96969F



96969F

FFFFFF



7C7C85



CCCCCCD6



63636C



E8E8F2



4B4B53



35353C



1F2027



080812



000000



96969F



96969F



86869F



A6A69F

76769F

B6B69F

66669F

C6C69F

56569F

D6D69F

47479F

E6E69F

37379F

F5F59F

27279F

FFFF9F

17179F

07079F

# Harmonies

## Analogous

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



91979F



96969F



9B959C

# Triad

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



96969F



A09590



8E9995

# Complementary

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



96969F



9F9F96

# 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.



929991



96969F



9C968E

# Square

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



96969F



A19494



97978E



8C999A

# Rectangle

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



96969F



9E949A



97978E



8F9994

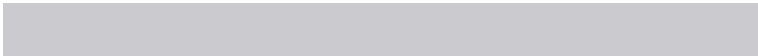


# Sweetspot

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



96969F



CACACF



969F9F



666669



E8E8E8



696969



# Same Dimension

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



96969F



C0C0CF



9B969F



49494F



00008F



00000F



# Inverse Universe

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



9F969F



CFC0CF



9B9F96



4F494F



8F008F



0F000F



# Previews

## White Background



This preview shows how the Hex color 96969F looks on a white background.

## Color Contrast Check

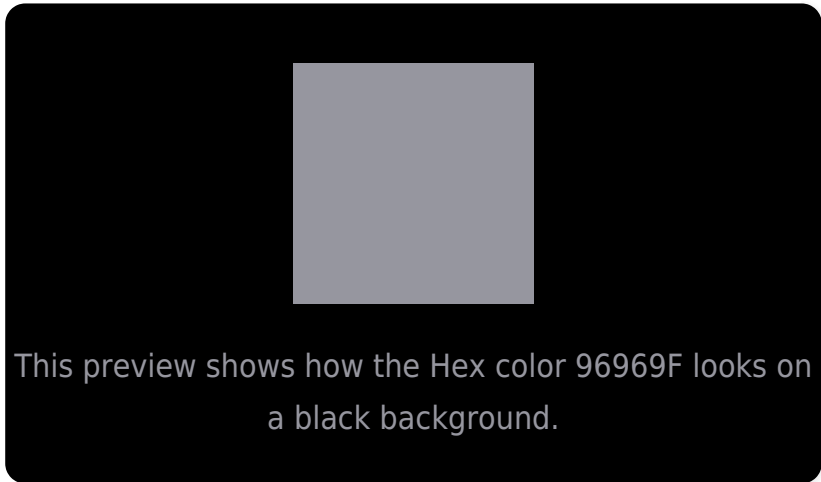
Large Text (above 18pt) WCAG AA × Fail

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

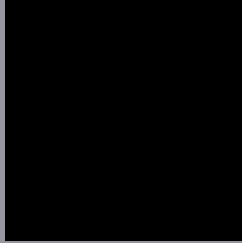
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

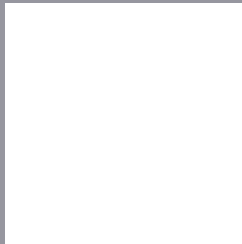
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96969F Background



This preview shows how black text looks on a background with the Hex color 96969F.



This preview shows how white text looks on a background with the Hex color 96969F.

# 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**  
96969F

**Protanopia**  
97969F

**Deuteranopia**  
A192A0



**Tritanopia**  
9696A1

# Trichromacy



**Original Color**  
96969F

**Protanomaly**  
97969F

**Deuteranomaly**  
9D93A0

**Tritanomaly**  
9696A0

# Monochromacy



**Original Color**  
96969F

**Achromatopsia**  
979797

**Achromatomaly**  
97979A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96969F 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 #96969F looks like.

```
.text, #text, p{  
    color:#96969F  
}
```

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 #96969F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96969F
}
```

## Border

The CSS property to change the border of an element to Hex 96969F is called "border". The border property can be set on classes, ids or directly on the HTML element.

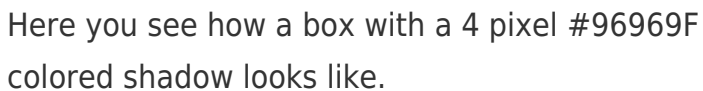
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96969F }
```

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

```
.border{ border-color:#96969F }
```

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



Here you see how a box with a 4 pixel #96969F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96969F; -webkit-box-shadow:4px 4px  
4px 4px #96969F; box-shadow:4px 4px 4px  
4px #96969F }
```

# Background

The CSS property to change the background color of an element to Hex 96969F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96969F }
```

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

```
.background{ background-color:#96969F }
```

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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