

# Converting Colors

Hex(96849F)

Have a look what the booklet for  
Hex(96849F) contains.

<b>Hex(96849F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(96849F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96849F
RGB	150, 132, 159
RGB Percent	59%, 52%, 62%
CMY	0.4118, 0.4824, 0.3765
CMYK	0.06, 0.17, 0.00, 0.38
HSL	280°, 12%, 57%
HSV	280°, 17%, 62%
XYZ	27.0869, 25.4898, 36.2933
YIQ	140.4600, 2.0610, 12.2130

# Conversions

## Conversions Part 2

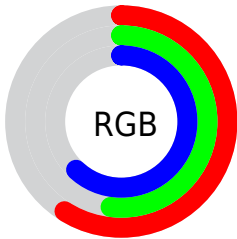
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 132, 159
Decimal	9864351
CIE <sub>Lab</sub>	57.55, 12.01, -11.86
CIE <sub>LCh</sub>	58, 16.882, 315.363
Yxy	25.4898, 0.3048, 0.2868
Android (android.graphics.Color)	4288054431 (0xFF96849F)
YUV	140.4600, 9.1402, 8.3666
Hunter-Lab	50.4874, 7.4140, -7.2799

# Details

The Hex color **96849F** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **8D9F84**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **CCB9D6**, and **63526C** is the 20% darker color. If you saturate the color by 10%, you get **91749F**, and if you desaturate by 10%, it is **9B949F**.

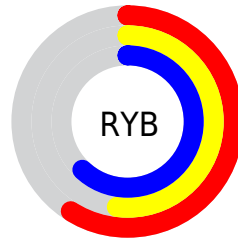
# Distribution



Red (59%)

Green (52%)

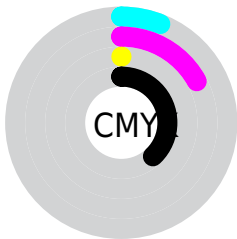
Blue (62%)



Red (59%)

Yellow (52%)

Blue (62%)

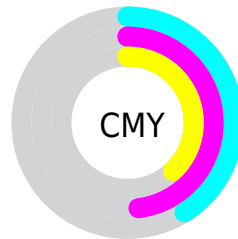


Cyan (6%)

Magenta (17%)

Yellow (0%)

Black (38%)



Cyan (41%)

Magenta (48%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96849F 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 96849F by changing the saturation by 10% instead.



■ 96849F

■ 96849F

FFFFFF

■ 7C6B85

■ CCB9D6

■ 63526C

■ E8D5F2

■ 4B3B53

■ FFF1FF

■ 34263C

■ 1F1126

■ 000011

■ 000000

■ 96849F

■ 96849F

■ 91749F

■ 9B949F

8B649F

A1A49F

86549F

A6B49F

81449F

ABC49F

7C359F

B0D49F

76259F

B6E39F

71159F

BBF39F

6C059F

C0FF9F

6A009F

C6FF9F

# Harmonies

## Analogous

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



8389A6



96849F



A38192

# Triad

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



96849F



9C876E



639391

# Complementary

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



96849F



8D9F84

# 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.



6D9282



96849F



8E8C6E

# Square

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



96849F



A68276



7D9075



64919F

# Rectangle

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



96849F



A88088



7D9075



65938C



# Sweetspot

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



96849F



CBC4CF



848D9F



666269



E8E8E8



696969



# Same Dimension

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



96849F



C1A5CF



9F849B



4C474F



5F008F



0A000F



# Inverse Universe

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



9F848D



CFA5B3



849F89



4F474A



8F0030

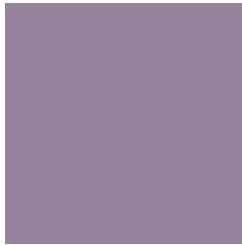


0F0005



# Previews

## White Background



This preview shows how the Hex color 96849F looks on a white background.

## Color Contrast Check

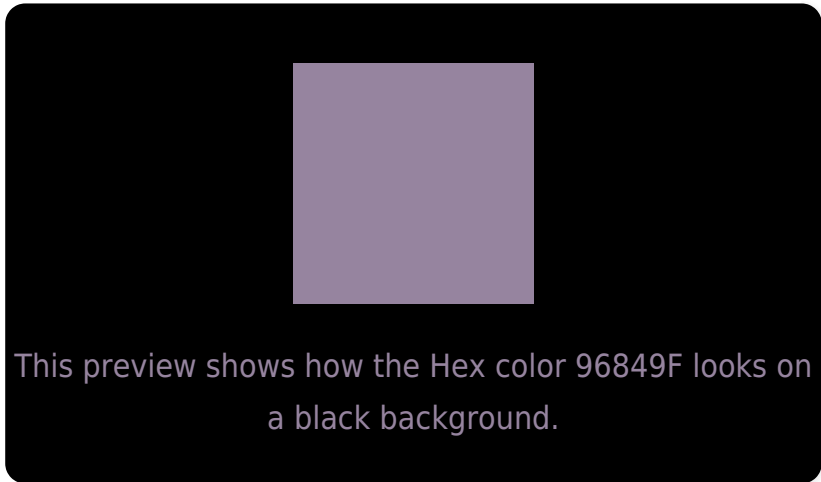
Large Text (above 18pt) WCAG AA ✓ Pass

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

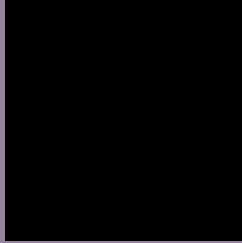
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 96849F Background



This preview shows how black text looks on a background with the Hex color 96849F.

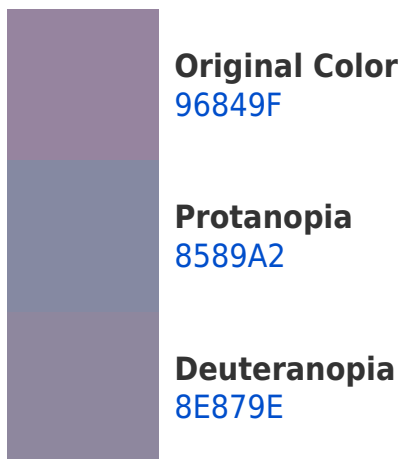


This preview shows how white text looks on a background with the Hex color 96849F.

# 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





**Tritanopia**  
948691

# Trichromacy



**Original Color**  
96849F

**Protanomaly**  
8B87A1

**Deuteranomaly**  
91869E

**Tritanomaly**  
958596

# Monochromacy



**Original Color**  
96849F

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
908993

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96849F 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 #96849F looks like.

```
.text, #text, p{  
    color:#96849F  
}
```

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 #96849F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96849F
}
```

## Border

The CSS property to change the border of an element to Hex 96849F 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
#96849F }
```

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

```
.border{ border-color:#96849F }
```

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

Here you see how a box with a 4 pixel #96849F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96849F; -webkit-box-shadow:4px 4px  
4px 4px #96849F; box-shadow:4px 4px 4px  
4px #96849F }
```

# Background

The CSS property to change the background color of an element to Hex 96849F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96849F }
```

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

```
.background{ background-color:#96849F }
```

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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