

# Converting Colors

Hex(96968E)

Have a look what the booklet for  
Hex(96968E) contains.

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# **Color**

**Hex(96968E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96968E
RGB	150, 150, 142
RGB Percent	59%, 59%, 56%
CMY	0.4118, 0.4118, 0.4431
CMYK	0.00, 0.00, 0.05, 0.41
HSL	60°, 4%, 57%
HSV	60°, 5%, 59%
XYZ	28.3665, 30.2497, 29.9349
YIQ	149.0880, 2.5680, -2.4880

# Conversions

## Conversions Part 2

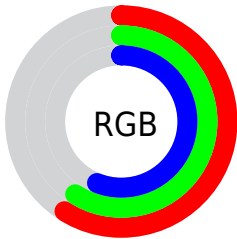
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 150, 142
Decimal	9868942
CIELab	61.87, -1.50, 4.21
CIELCh	62, 4.470, 109.670
Yxy	30.2497, 0.3203, 0.3416
Android (android.graphics.Color)	4288059022 (0xFF96968E)
YUV	149.0880, -3.4944, 0.7998
Hunter-Lab	54.9997, -4.1869, 6.2299

# Details

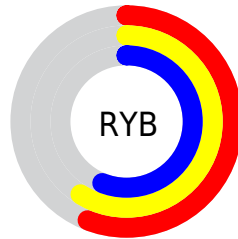
The Hex color **96968E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8E8E96**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **CCCCCC4**, and **63635C** is the 20% darker color. If you saturate the color by 10%, you get **96967F**, and if you desaturate by 10%, it is **96969D**.

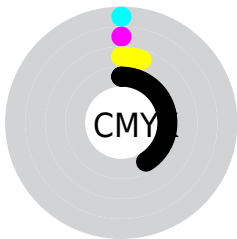
# Distribution



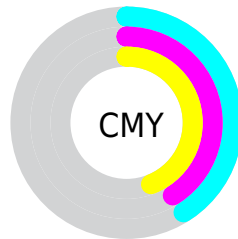
- Red (59%)
- Green (59%)
- Blue (56%)



- Red (56%)
- Yellow (59%)
- Blue (56%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (41%)



- Cyan (41%)
- Magenta (41%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96968E 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 96968E by changing the saturation by 10% instead.





96968E



96968E

FFFFFF



7C7C74



CCCCCC4



63635C



E8E8E0



4B4B44

FFFFFFC



35352E



202019



070800



000000



96968E



96968E



96967F



96969D

 969670

 9696AC

 969661

 9696BB

 969652

 9696CA

 969643

 9696D9

 969634

 9696E8

 969625

 9696F7

 969616

 9696FF

 969607

# Harmonies

## Analogous

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



9A958E



96968E



919790

# Triad

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



96968E



8D979B



9D9397

# Complementary

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



96968E



8E8E96

# 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.



99949B



96968E



90969D

# Square

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



96968E



8C9898



95959D



9E9393

# Rectangle

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



96968E



8F9893



95959D



9C9398



# Sweetspot

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



96968E



C2C2BE



968E8E



61615F



E0E0E0



616161



# Same Dimension

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



96968E



C2C2B6



92968E



4A4A45



8A8A00



0A0A00



# Inverse Universe

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



8E8E96



B6B6C2



928E96



45454A



00008A



00000A



# Previews

## White Background



This preview shows how the Hex color 96968E looks on a white background.

## Color Contrast Check

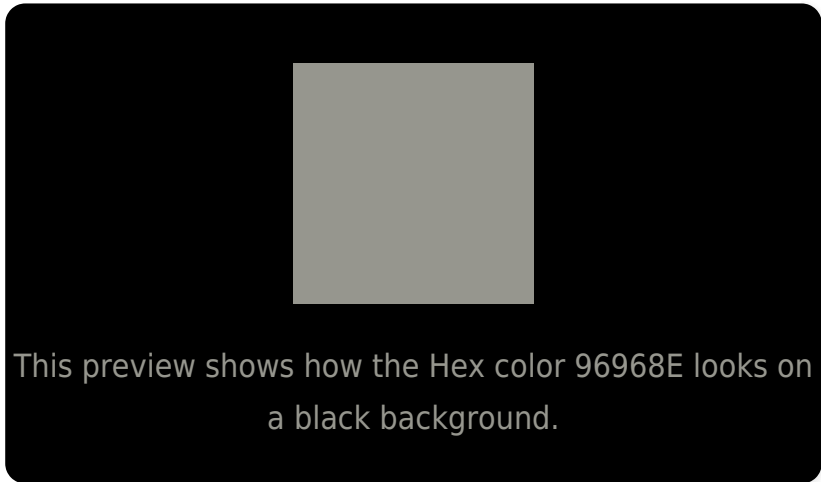
Large Text (above 18pt) WCAG AA × Fail

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

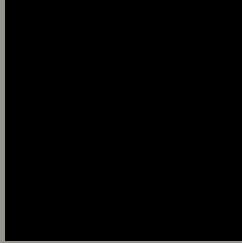
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

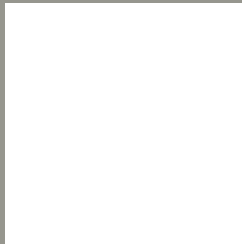
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96968E Background



This preview shows how black text looks on a background with the Hex color 96968E.



This preview shows how white text looks on a background with the Hex color 96968E.

# 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**


96968E

**Protanopia**

9A958D

**Deuteranopia**

A6908F



**Tritanopia**  
99939F

# Trichromacy



**Original Color**  
96968E

**Protanomaly**  
99958D

**Deuteranomaly**  
A0928F

**Tritanomaly**  
989499

# Monochromacy



**Original Color**  
96968E

**Achromatopsia**  
959595

**Achromatomaly**  
959592

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96968E 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 #96968E looks like.

```
.text, #text, p{  
    color:#96968E  
}
```

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 #96968E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96968E
}
```

## Border

The CSS property to change the border of an element to Hex 96968E is called "border". The border property can be set on classes, ids or directly on the HTML element.

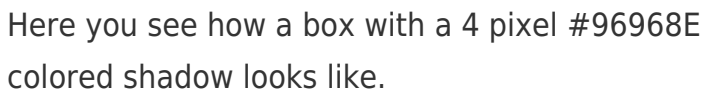
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96968E }
```

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

```
.border{ border-color:#96968E }
```

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



Here you see how a box with a 4 pixel #96968E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96968E; -webkit-box-shadow:4px 4px  
4px 4px #96968E; box-shadow:4px 4px 4px  
4px #96968E }
```

# Background

The CSS property to change the background color of an element to Hex 96968E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96968E }
```

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

```
.background{ background-color:#96968E }
```

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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