

# Converting Colors

Hex(96938B)

Have a look what the booklet for  
Hex(96938B) contains.

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# Color

**Hex(96938B)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 96938B                    |
| RGB         | 150, 147, 139             |
| RGB Percent | 59%, 58%, 55%             |
| CMY         | 0.4118, 0.4235, 0.4549    |
| CMYK        | 0.00, 0.02, 0.07, 0.41    |
| HSL         | 44°, 5%, 57%              |
| HSV         | 44°, 7%, 59%              |
| XYZ         | 27.6716, 29.2155, 28.6068 |
| YIQ         | 146.9850, 4.3560, -1.8520 |

# Conversions

## Conversions Part 2

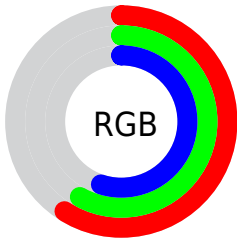
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 143, 150, 139                |
| Decimal                             | 9868171                      |
| CIE <sub>Lab</sub>                  | 60.97, -0.39, 4.61           |
| CIE <sub>LCh</sub>                  | 61, 4.630, 94.787            |
| Yxy                                 | 29.2155, 0.3237,<br>0.3417   |
| Android<br>(android.graphics.Color) | 4288058251<br>(0xFF96938B)   |
| YUV                                 | 146.9850, -3.9366,<br>2.6442 |
| Hunter-Lab                          | 54.0514, -3.2070,<br>6.4566  |

# Details

The Hex color **96938B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8B8E96**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **CCC9C0**, and **636159** is the 20% darker color. If you saturate the color by 10%, you get **968F7C**, and if you desaturate by 10%, it is **96979A**.

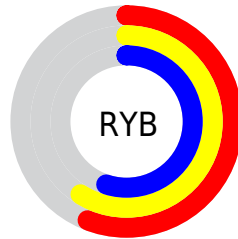
# Distribution



Red (59%)

Green (58%)

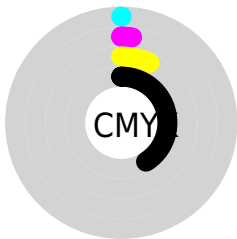
Blue (55%)



Red (56%)

Yellow (59%)

Blue (55%)

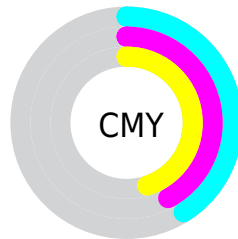


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (41%)



Cyan (41%)

Magenta (42%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96938B 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 96938B by changing the saturation by 10% instead.





96938B



96938B

FFFFFF



7C7972



CCC9C0



636159



E8E5DC



4B4942



FFFFFF9



35322C



1F1D17



040400



000000



96938B



96938B



968F7C



96979A

 968B6D

 969BA9

 96875E

 969FB8

 96834F

 96A3C7

 967F40

 96A7D6

 967A31

 96ACE5

 967622

 96B0F4

 967213

 96B4FF

 966E04

 96B8FF

# Harmonies

## Analogous

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



9A928C



96938B



91948C

# Triad

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



96938B



899598



999197

# Complementary

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



96938B



8B8E96

# 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.



95929A



96938B



8C949A

# Square

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



96938B



8A9694



90939B



9C9093

# Rectangle

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



96938B



8E958E



90939B



989198



# Sweetspot

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



96938B



C2C1BE



968B8E



61605F



E0E0E0



616161



# Same Dimension

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



96938B



C2BDB0



94968B



4A4843



8A6400



0A0700



# Inverse Universe

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



8B8E96



B0B5C2



8D8B96



43454A



00268A



00030A



# Previews

## White Background



This preview shows how the Hex color 96938B looks on a white background.

## Color Contrast Check

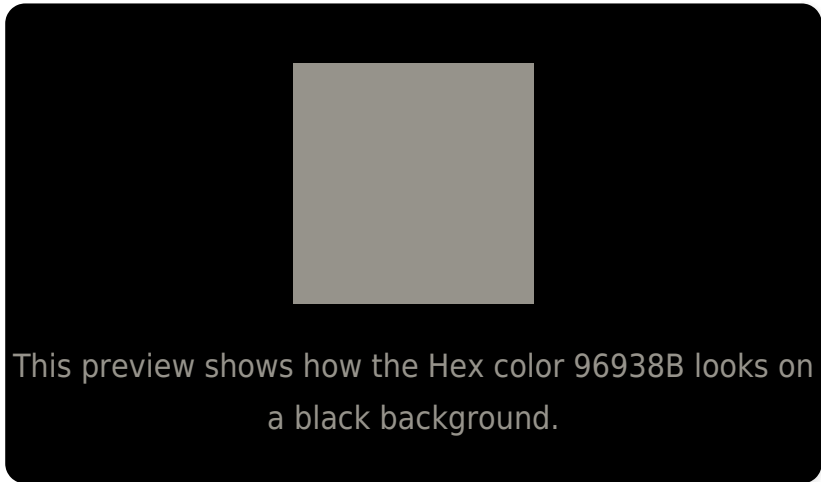
Large Text (above 18pt) WCAG AA ✓ Pass

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

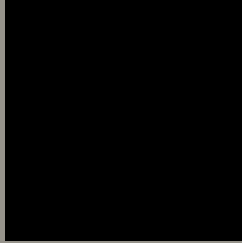
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

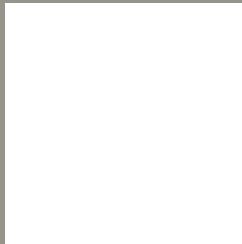
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96938B Background



This preview shows how black text looks on a background with the Hex color 96938B.

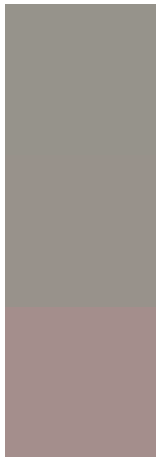


This preview shows how white text looks on a background with the Hex color 96938B.

# 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**  
96938B

**Protanopia**  
98928B

**Deuteranopia**  
A48E8C



**Tritanopia**  
98909C

# Trichromacy



**Original Color**  
96938B

**Protanomaly**  
97928B

**Deuteranomaly**  
9F908C

**Tritanomaly**  
979196

# Monochromacy



**Original Color**  
96938B

**Achromatopsia**  
939393

**Achromatomaly**  
949390

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96938B 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 #96938B looks like.

```
.text, #text, p{  
    color:#96938B  
}
```

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 #96938B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96938B
}
```

## Border

The CSS property to change the border of an element to Hex 96938B 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
#96938B }
```

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

```
.border{ border-color:#96938B }
```

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

Here you see how a box with a 4 pixel #96938B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96938B; -webkit-box-shadow:4px 4px  
4px 4px #96938B; box-shadow:4px 4px 4px  
4px #96938B }
```

# Background

The CSS property to change the background color of an element to Hex 96938B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96938B }
```

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

```
.background{ background-color:#96938B }
```

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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