

# Converting Colors

Hex(90968B)

Have a look what the booklet for  
Hex(90968B) contains.

|  |    |
|--|----|
| <b>Hex(90968B)</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(90968B)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 90968B                     |
| RGB         | 144, 150, 139              |
| RGB Percent | 56%, 59%, 55%              |
| CMY         | 0.4353, 0.4118, 0.4549     |
| CMYK        | 0.04, 0.00, 0.07, 0.41     |
| HSL         | 93°, 5%, 57%               |
| HSV         | 93°, 7%, 59%               |
| XYZ         | 27.0681, 29.6061, 28.7140  |
| YIQ         | 146.9520, -0.0450, -4.6930 |

# Conversions

## Conversions Part 2

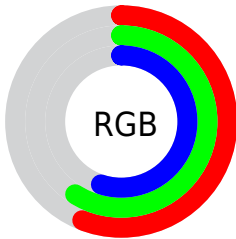
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 139, 150, 145                 |
| Decimal                             | 9475723                       |
| CIE <sub>Lab</sub>                  | 61.31, -4.28, 5.04            |
| CIE <sub>LCh</sub>                  | 61, 6.617, 130.353            |
| Yxy                                 | 29.6061, 0.3170,<br>0.3467    |
| Android<br>(android.graphics.Color) | 4287665803<br>(0xFF90968B)    |
| YUV                                 | 146.9520, -3.9203,<br>-2.5889 |
| Hunter-Lab                          | 54.4115, -6.4214,<br>6.7995   |

# Details

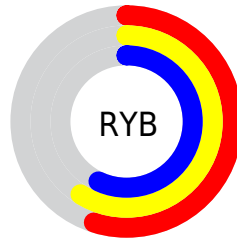
The Hex color **90968B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **918B96**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C6CCC0**, and **5E6359** is the 20% darker color. If you saturate the color by 10%, you get **88967C**, and if you desaturate by 10%, it is **98969A**.

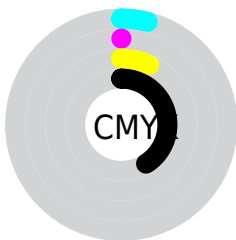
# Distribution



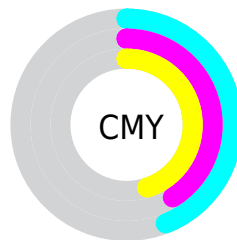
- Red (56%)
- Green (59%)
- Blue (55%)



- Red (55%)
- Yellow (59%)
- Blue (57%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90968B 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 90968B by changing the saturation by 10% instead.



■ 90968B

■ 90968B

FFFFFF

■ 767C72

■ C6CCC0

■ 5E6359

■ E2E8DC

■ 464B42

■ FFFFFFF9

■ 30352C

■ 1B2017

■ 000800

■ 000000

■ 90968B

■ 90968B

■ 88967C

■ 98969A

80966D

A096A9

77965E

A996B8

6F964F

B196C7

679640

B996D6

5F9631

C196E5

579622

C996F4

4F9613

D196FF

469604

DA96FF

# Harmonies

## Analogous

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



979489



90968B



8A9790

# Triad

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



90968B



8A969F



A19092

# Complementary

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



90968B



918B96

# 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.



9E9198



90968B



91949F

# Square

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



90968B



86979B



98929D



A0918D

# Rectangle

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



90968B



879894



98929D



A09094



# Sweetspot

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



90968B



C0C2BE



96918B



60615F



E0E0E0



616161



# Same Dimension

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



90968B



B8C2B0



8B968B



464A43



3F8A00



050A00



# Inverse Universe

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



918B96



BAB0C2



968B96



47434A



4B008A



06000A



# Previews

## White Background



This preview shows how the Hex color 90968B looks on a white background.

## Color Contrast Check

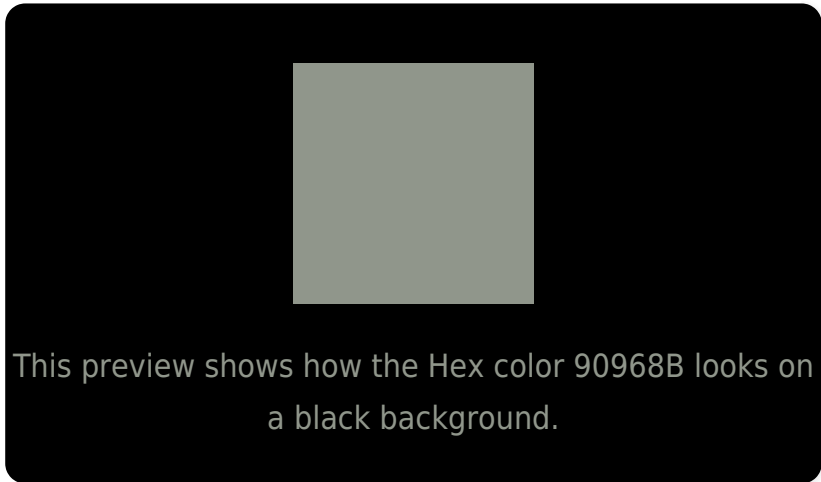
Large Text (above 18pt) WCAG AA ✓ Pass

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

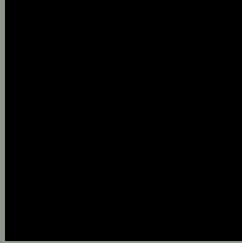
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

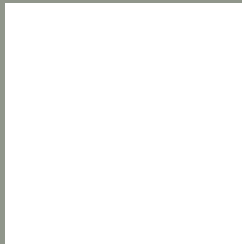
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 90968B Background



This preview shows how black text looks on a background with the Hex color 90968B.



This preview shows how white text looks on a background with the Hex color 90968B.

# 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**  
90968B

**Protanopia**  
99938A

**Deuteranopia**  
A58F8C



**Tritanopia**  
93939F

# Trichromacy



**Original Color**  
90968B

**Protanomaly**  
96948A

**Deuteranomaly**  
9D928C

**Tritanomaly**  
929498

# Monochromacy



**Original Color**  
90968B

**Achromatopsia**  
939393

**Achromatomaly**  
929490

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90968B 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 #90968B looks like.

```
.text, #text, p{  
    color:#90968B  
}
```

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 #90968B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90968B
}
```

## Border

The CSS property to change the border of an element to Hex 90968B 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
#90968B }
```

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

```
.border{ border-color:#90968B }
```

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

Here you see how a box with a 4 pixel #90968B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90968B; -webkit-box-shadow:4px 4px  
4px 4px #90968B; box-shadow:4px 4px 4px  
4px #90968B }
```

# Background

The CSS property to change the background color of an element to Hex 90968B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90968B }
```

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

```
.background{ background-color:#90968B }
```

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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