

# Converting Colors

Hex(968C87)

Have a look what the booklet for  
Hex(968C87) contains.

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# Color

Hex(968C87)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	968C87
RGB	150, 140, 135
RGB Percent	59%, 55%, 53%
CMY	0.4118, 0.4510, 0.4706
CMYK	0.00, 0.07, 0.10, 0.41
HSL	20°, 7%, 56%
HSV	20°, 10%, 59%
XYZ	26.3289, 26.9895, 26.7435
YIQ	142.4200, 7.5650, 0.5650

# Conversions

## Conversions Part 2

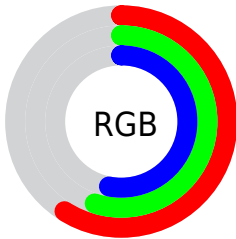
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 143, 135
Decimal	9866375
CIE Lab	58.96, 2.81, 4.00
CIE LCh	59, 4.889, 54.852
Yxy	26.9895, 0.3289, 0.3371
Android (android.graphics.Color)	4288056455 (0xFF968C87)
YUV	142.4200, -3.6581, 6.6477
Hunter-Lab	51.9514, -0.4512, 5.8447

# Details

The Hex color **968C87** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **879196**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CCC2BC**, and **635A55** is the 20% darker color. If you saturate the color by 10%, you get **968278**, and if you desaturate by 10%, it is **969696**.

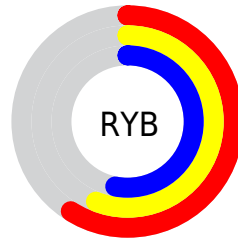
# Distribution



Red (59%)

Green (55%)

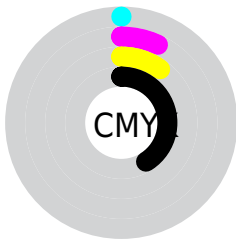
Blue (53%)



Red (59%)

Yellow (56%)

Blue (53%)

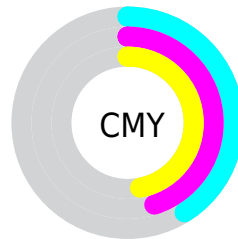


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (41%)



Cyan (41%)

Magenta (45%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 968C87 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 968C87 by changing the saturation by 10% instead.





968C87



968C87

FFFFFF



7C736E



CCC2BC



635A55



E8DDD8



4B433E



FFFAF4



342D28



1F1814



000000



968C87



968C87



968278



969696



967869



96A0A5

 966E5A

 96AAB4

 96644B

 96B4C3

 965A3C

 96BED2

 96502D

 96C8E1

 96461E

 96D2F0

 963C0F

 96DCFF

 963200

 96E6FF

# Harmonies

## Analogous

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



978B8A



968C87



928D85

# Triad

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



968C87



85908D



8E8D96

# Complementary

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



968C87



879196

# 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.



898E96



968C87



849091

# Square

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



968C87



899089



859095



938C93

# Rectangle

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



968C87



8F8E86



859095



8C8D96



# Sweetspot

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



968C87



C2BEBC



968791



615E5D



E0E0E0



616161



# Same Dimension

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



968C87



C2B2AB



969387



4A4543



8A2E00



0A0300



# Inverse Universe

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



879196



ABBAC2



878A96



43474A



005C8A



00070A



# Previews

## White Background



This preview shows how the Hex color 968C87 looks on a white background.

## Color Contrast Check

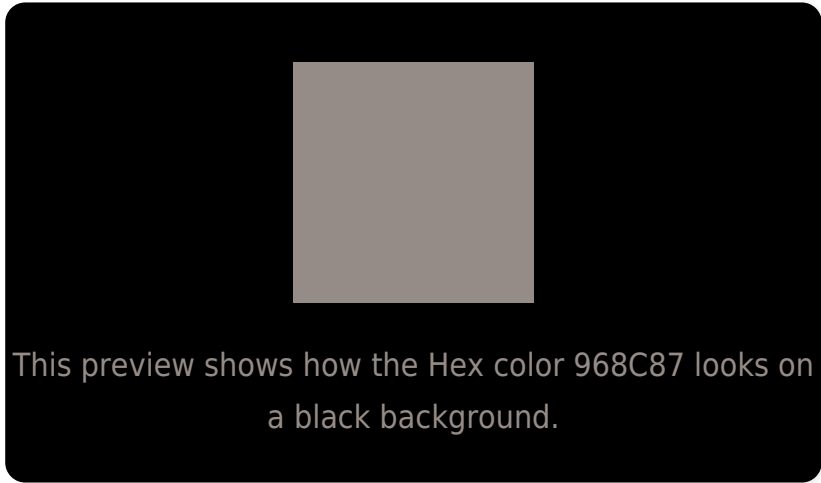
Large Text (above 18pt) WCAG AA ✓ Pass

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

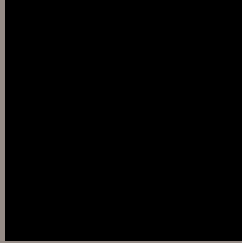
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

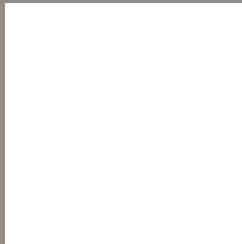
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 968C87 Background



This preview shows how black text looks on a background with the Hex color 968C87.



This preview shows how white text looks on a background with the Hex color 968C87.

# 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**  
968C87

**Protanopia**  
928D88

**Deuteranopia**  
9E8988



**Tritanopia**  
988A95

# Trichromacy



**Original Color**  
968C87

**Protanomaly**  
938D88

**Deuteranomaly**  
9B8A88

**Tritanomaly**  
978B90

# Monochromacy



**Original Color**  
968C87

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
918D8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 968C87 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 #968C87 looks like.

```
.text, #text, p{  
    color:#968C87  
}
```

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 #968C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968C87
}
```

## Border

The CSS property to change the border of an element to Hex 968C87 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
#968C87 }
```

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

```
.border{ border-color:#968C87 }
```

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

Here you see how a box with a 4 pixel #968C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968C87; -webkit-box-shadow:4px 4px  
4px 4px #968C87; box-shadow:4px 4px 4px  
4px #968C87 }
```

# Background

The CSS property to change the background color of an element to Hex 968C87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968C87 }
```

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

```
.background{ background-color:#968C87 }
```

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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