

Converting Colors

Hex(948C9B)

Have a look what the booklet for
Hex(948C9B) contains.

Hex(948C9B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(948C9B)

Conversions

Conversions Part 1

Format	Color
Hex	948C9B
RGB	148, 140, 155
RGB Percent	58%, 55%, 61%
CMY	0.4196, 0.4510, 0.3922
CMYK	0.05, 0.10, 0.00, 0.39
HSL	272°, 7%, 58%
HSV	272°, 10%, 61%
XYZ	27.5072, 27.4186, 34.8529
YIQ	144.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

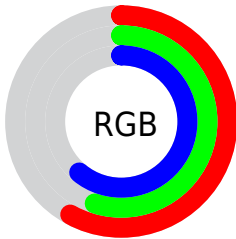
Format	Color
R_{YB}	148, 140, 155
Decimal	9735323
CIE Lab	59.36, 5.90, -6.88
CIE LCh	59, 9.066, 310.624
Yxy	27.4186, 0.3064, 0.3054
Android (android.graphics.Color)	4287925403 (0xFF948C9B)
YUV	144.1020, 5.3727, 3.4185
Hunter-Lab	52.3628, 2.1347, -2.8097

Details

The Hex color **948C9B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **939B8C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **CAC2D1**, and **615A68** is the 20% darker color. If you saturate the color by 10%, you get **8D7D9B**, and if you desaturate by 10%, it is **9B9C9B**.

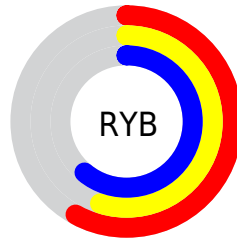
Distribution



Red (58%)

Green (55%)

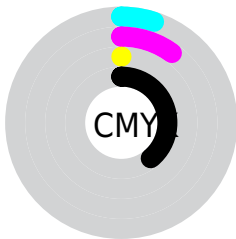
Blue (61%)



Red (58%)

Yellow (55%)

Blue (61%)

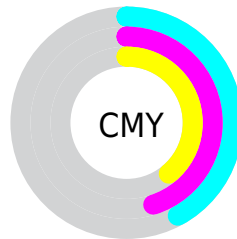


Cyan (5%)

Magenta (10%)

Yellow (0%)

Black (39%)



Cyan (42%)

Magenta (45%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 948C9B 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 948C9B by changing the saturation by 10% instead.



948C9B



948C9B

FFFFFF



7A7381



CAC2D1



615A68



E6DDEE



4A4350



FFFAFF



332C39



1E1823



02000E



000000



948C9B



948C9B



8D7D9B



9B9C9B

866D9B

A2AB9B

7E5E9B

AABB9B

774E9B

B1CA9B

703F9B

B8DA9B

692F9B

BFE99B

61209B

C7F99B

5A109B

CEFF9B

53019B

D5FF9B

Harmonies

Analogous

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



8A8F9E



948C9B



9C8A94

Triad

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



948C9B



9A8D80



7C9492

Complementary

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



948C9B



939B8C

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.



819389



948C9B



938F7F

Square

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



948C9B



9F8B85



899283



7C9399

Rectangle

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



948C9B



9F8A8F



899283



7D948F

Sweetspot

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



948C9B



C7C3C9



8C939B



646266



E6E6E6



666666

Same Dimension

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



948C9B



BEB1C9



9B8C9B



49454D



4B008C



07000D

Inverse Universe

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



9B8C93



C9B1BD



8C9B8D



4D4548



8C0041



0D0006

Previews

White Background



This preview shows how the Hex color 948C9B looks on a white background.

Color Contrast Check

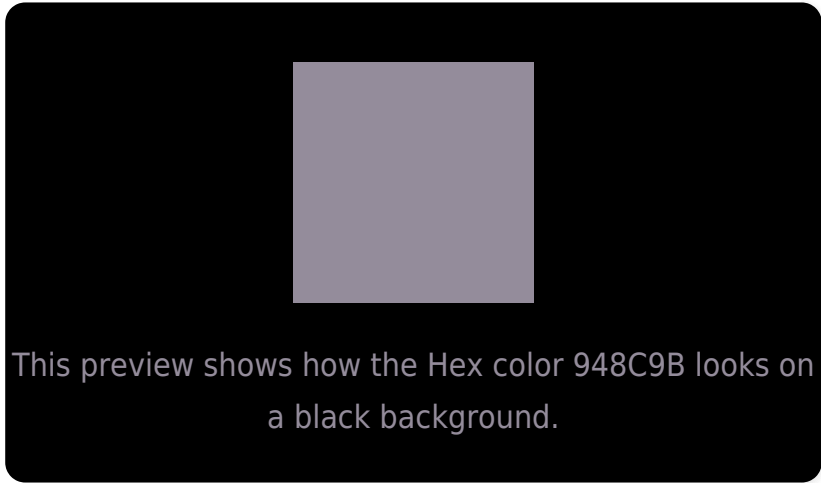
Large Text (above 18pt) WCAG AA ✓ Pass

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

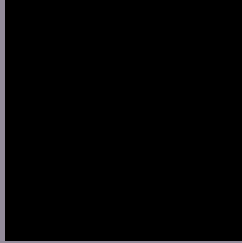
Any Text WCAG AA ✓ Pass

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 948C9B Background



This preview shows how black text looks on a background with the Hex color 948C9B.

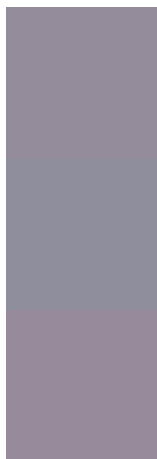


This preview shows how white text looks on a background with the Hex color 948C9B.

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
948C9B

Protanopia
8E8E9C

Deuteranopia
978B9B



Tritanopia
938D98

Trichromacy



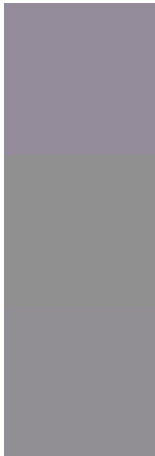
Original Color
948C9B

Protanomaly
908D9C

Deuteranomaly
968B9B

Tritanomaly
938D99

Monochromacy



Original Color
948C9B

Achromatopsia
909090

Achromatomaly
918F94

CSS Examples

Text

The CSS property to change the color of the text to Hex 948C9B 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 #948C9B looks like.

```
.text, #text, p{  
    color:#948C9B  
}
```

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 #948C9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948C9B
}
```

Border

The CSS property to change the border of an element to Hex 948C9B 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
#948C9B }
```

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

```
.border{ border-color:#948C9B }
```

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

Here you see how a box with a 4 pixel #948C9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948C9B; -webkit-box-shadow:4px 4px  
4px 4px #948C9B; box-shadow:4px 4px 4px  
4px #948C9B }
```

Background

The CSS property to change the background color of an element to Hex 948C9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948C9B }
```

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

```
.background{ background-color:#948C9B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor