

Converting Colors

Hex(99A7B8)

Have a look what the booklet for
Hex(99A7B8) contains.

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Color

Hex(99A7B8)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 99A7B8 |
| RGB | 153, 167, 184 |
| RGB Percent | 60%, 65%, 72% |
| CMY | 0.4000, 0.3451, 0.2784 |
| CMYK | 0.17, 0.09, 0.00, 0.28 |
| HSL | 213°, 18%, 66% |
| HSV | 213°, 17%, 72% |
| XYZ | 35.6073, 37.8704, 50.7804 |
| YIQ | 164.7520, -13.8010, 2.3190 |

Conversions

Conversions Part 2

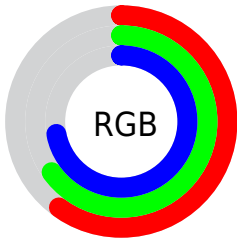
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 153, 163, 184 |
| Decimal | 10069944 |
| CIELab | 67.93, -1.30, -10.40 |
| CIELCh | 68, 10.482, 262.862 |
| Yxy | 37.8704, 0.2866, 0.3048 |
| Android (android.graphics.Color) | 4288260024 (0xFF99A7B8) |
| YUV | 164.7520, 9.4893, -10.3065 |
| Hunter-Lab | 61.5390, -4.4105, -5.8474 |

Details

The Hex color **99A7B8** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B8AA99**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D0DEF0**, and **667383** is the 20% darker color. If you saturate the color by 10%, you get **879DB8**, and if you desaturate by 10%, it is **ABB1B8**.

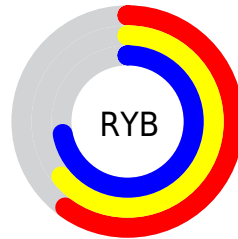
Distribution



Red (60%)

Green (65%)

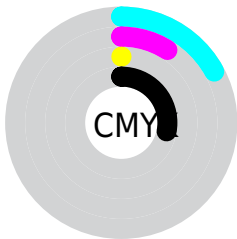
Blue (72%)



Red (60%)

Yellow (64%)

Blue (72%)

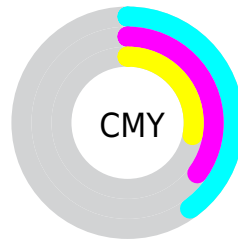


Cyan (17%)

Magenta (9%)

Yellow (0%)

Black (28%)



Cyan (40%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99A7B8 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 99A7B8 by changing the saturation by 10% instead.



99A7B8



99A7B8

FFFFFF



7F8D9D



D0DEF0



667383



ECFBFF



4D5B6A



364352



202D3B



0A1925



000110



000000



99A7B8



99A7B8

879DB8

ABB1B8

7493B8

BEBBB8

6289B8

D0C5B8

4F7FB8

E3CFB8

3D75B8

F5D9B8

2B6AB8

FFE4B8

1860B8

FFEEB8

0656B8

FFF8B8

0053B8

FFFFB8

Harmonies

Analogous

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



90AAB4



99A7B8



A5A4B7

Triad

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



99A7B8



BA9F9F



9BAA9A

Complementary

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



99A7B8



B8AA99

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.



A5A794



99A7B8



B7A197

Square

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



99A7B8



B89FA8



B0A493



92ABA3

Rectangle

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



99A7B8



ACA2B3



B0A493



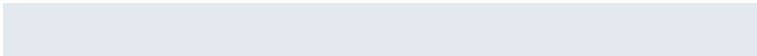
9EA997

Sweetspot

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



99A7B8



E4E9F0



99B8AA



717478



F7F7F7



787878

Same Dimension

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



99A7B8



C0D5F0



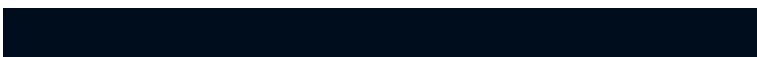
9A99B8



53575C



00469C



000D1C

Inverse Universe

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



B899A7



F0C0D5



B7B899



5C5357



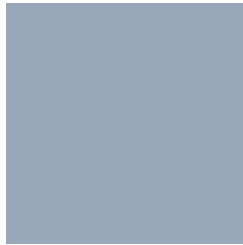
9C0046



1C000D

Previews

White Background



This preview shows how the Hex color 99A7B8 looks on a white background.

Color Contrast Check

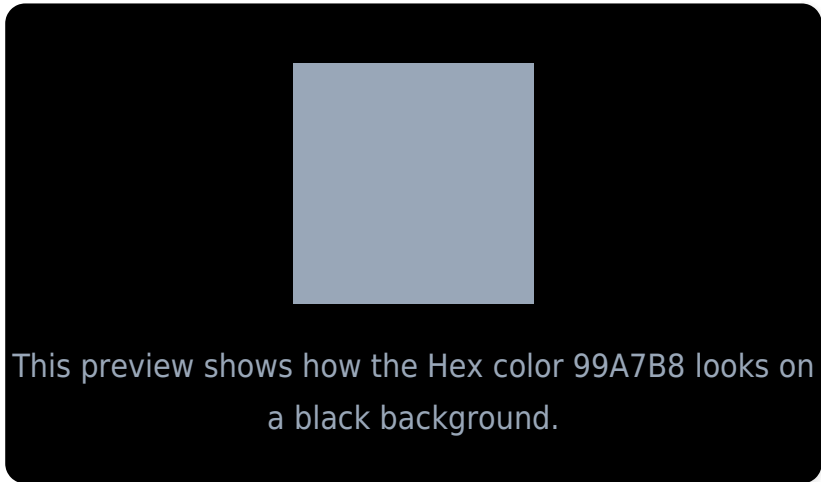
Large Text (above 18pt) WCAG AA × Fail

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

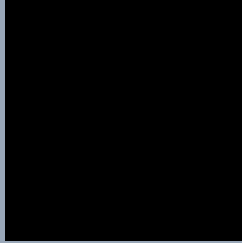
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

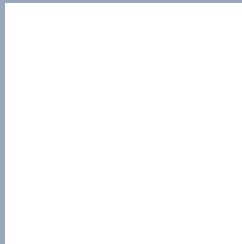
Any Text WCAG AAA ✓ Pass

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

Hex 99A7B8 Background



This preview shows how black text looks on a background with the Hex color 99A7B8.



This preview shows how white text looks on a background with the Hex color 99A7B8.

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
99A7B8

Protanopia
A3A4B6

Deuteranopia
ACA1B9



Tritanopia
98A8B5

Trichromacy



Original Color
99A7B8

Protanomaly
9FA5B7

Deuteranomaly
A5A3B9

Tritanomaly
98A8B6

Monochromacy



Original Color
99A7B8

Achromatopsia
A5A5A5

Achromatomaly
A1A6AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 99A7B8 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 #99A7B8 looks like.

```
.text, #text, p{  
    color:#99A7B8  
}
```

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 #99A7B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A7B8
}
```

Border

The CSS property to change the border of an element to Hex 99A7B8 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
#99A7B8 }
```

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

```
.border{ border-color:#99A7B8 }
```

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

Here you see how a box with a 4 pixel #99A7B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A7B8; -webkit-box-shadow:4px 4px  
4px 4px #99A7B8; box-shadow:4px 4px 4px  
4px #99A7B8 }
```

Background

The CSS property to change the background color of an element to Hex 99A7B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A7B8 }
```

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

```
.background{ background-color:#99A7B8 }
```

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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