

Converting Colors

Hex(9999A8)

Have a look what the booklet for
Hex(9999A8) contains.

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Color

Hex(9999A8)

Conversions

Conversions Part 1

Format	Color
Hex	9999A8
RGB	153, 153, 168
RGB Percent	60%, 60%, 66%
CMY	0.4000, 0.4000, 0.3412
CMYK	0.09, 0.09, 0.00, 0.34
HSL	240°, 8%, 63%
HSV	240°, 9%, 66%
XYZ	31.5960, 32.3819, 41.6308
YIQ	154.7100, -4.8150, 4.6650

Conversions

Conversions Part 2

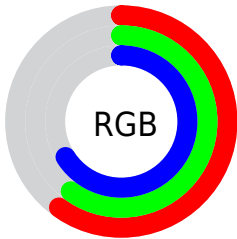
Format	Color
RYB	153, 153, 168
Decimal	10066344
CIELab	63.66, 3.02, -7.82
CIElCh	64, 8.381, 291.083
Yxy	32.3819, 0.2992, 0.3066
Android (android.graphics.Color)	4288256424 (0xFF9999A8)
YUV	154.7100, 6.5520, -1.4997
Hunter-Lab	56.9051, -0.4737, -3.5420

Details

The Hex color **9999A8** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A8A899**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CFCFDF**, and **666674** is the 20% darker color. If you saturate the color by 10%, you get **8888A8**, and if you desaturate by 10%, it is **AAAAA8**.

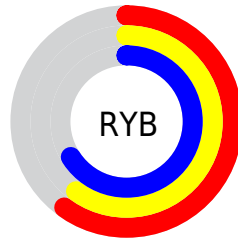
Distribution



Red (60%)

Green (60%)

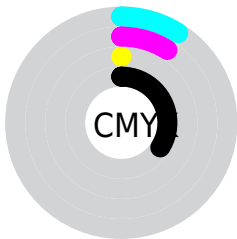
Blue (66%)



Red (60%)

Yellow (60%)

Blue (66%)

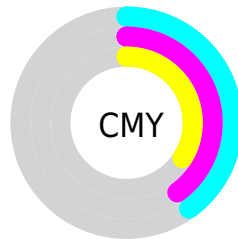


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (34%)



Cyan (40%)

Magenta (40%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9999A8 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 9999A8 by changing the saturation by 10% instead.



9999A8



9999A8

FFFFFF



7F7F8E



CFCFDF



666674



ECECFD



4E4E5B



373744



22222E



0C0C19



000000



9999A8



9999A8



8888A8



AAAAA8

■ 7777A8

■ BBBBA8

■ 6767A8

■ CBCBA8

■ 5656A8

■ DCDC A8

■ 4545A8

■ EDEDA8

■ 3434A8

■ FEFE A8

■ 2323A8

■ FFFFA8

■ 1313A8

■ 0202A8

Harmonies

Analogous

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



909BA9



9999A8



A297A4

Triad

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



9999A8



A9978F



8B9F98

Complementary

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



9999A8



A8A899

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.



929D91



9999A8



A3998C

Square

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



9999A8



AB9595



9B9B8C



889F9F

Rectangle

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



9999A8



A7969F



9B9B8C



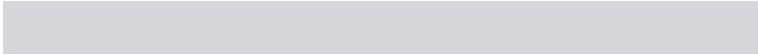
8D9E95

Sweetspot

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



9999A8



D5D5DB



99A8A8



69696E



EDEDED



6E6E6E

Same Dimension

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



9999A8



C3C3DB



A099A8



4C4C54



000094



000014

Inverse Universe

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



A899A8



DBC3DB



A0A899



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color 9999A8 looks on a white background.

Color Contrast Check

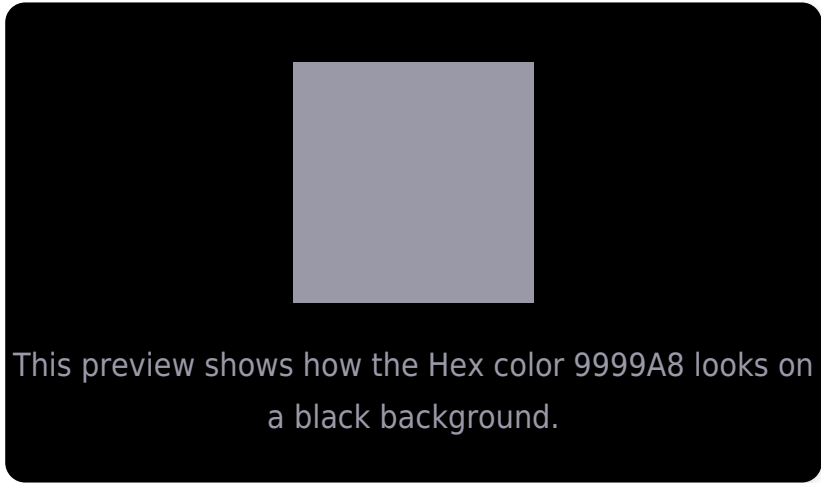
Large Text (above 18pt) WCAG AA × Fail

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

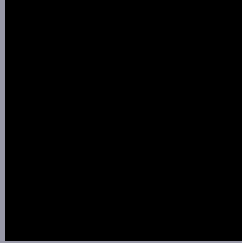
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

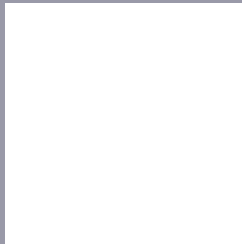
Any Text WCAG AAA ✓ Pass

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

Hex 9999A8 Background



This preview shows how black text looks on a background with the Hex color 9999A8.

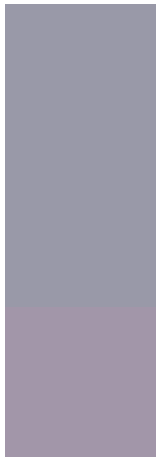


This preview shows how white text looks on a background with the Hex color 9999A8.

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
9999A8

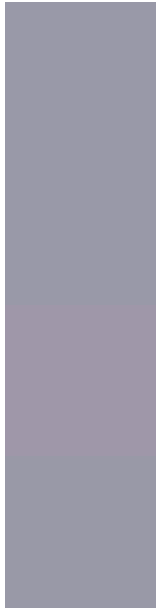
Protanopia
9999A8

Deuteranopia
A296A9



Tritanopia
9999A6

Trichromacy



Original Color
9999A8

Protanomaly
9999A8

Deuteranomaly
9F97A9

Tritanomaly
9999A7

Monochromacy



Original Color
9999A8

Achromatopsia
9B9B9B

Achromatomaly
9A9AA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 9999A8 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 #9999A8 looks like.

```
.text, #text, p{  
    color:#9999A8  
}
```

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 #9999A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9999A8
}
```

Border

The CSS property to change the border of an element to Hex 9999A8 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
#9999A8 }
```

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

```
.border{ border-color:#9999A8 }
```

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

Here you see how a box with a 4 pixel #9999A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9999A8; -webkit-box-shadow:4px 4px  
4px 4px #9999A8; box-shadow:4px 4px 4px  
4px #9999A8 }
```

Background

The CSS property to change the background color of an element to Hex 9999A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9999A8 }
```

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

```
.background{ background-color:#9999A8 }
```

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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