

# Converting Colors

Hex(9995A8)

Have a look what the booklet for  
Hex(9995A8) contains.

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# **Color**

**Hex(9995A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9995A8
RGB	153, 149, 168
RGB Percent	60%, 58%, 66%
CMY	0.4000, 0.4157, 0.3412
CMYK	0.09, 0.11, 0.00, 0.34
HSL	253°, 10%, 62%
HSV	253°, 11%, 66%
XYZ	30.9522, 31.0943, 41.4162
YIQ	152.3620, -3.7150, 6.7570

# Conversions

## Conversions Part 2

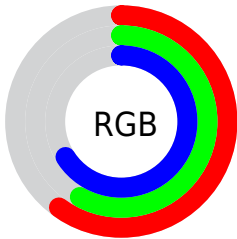
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 149, 168
Decimal	10065320
CIE <sub>Lab</sub>	62.59, 5.26, -9.42
CIE <sub>LCh</sub>	63, 10.785, 299.185
Y <sub>xy</sub>	31.0943, 0.2992, 0.3005
Android (android.graphics.Color)	4288255400 (0xFF9995A8)
YUV	152.3620, 7.7095, 0.5595
Hunter-Lab	55.7623, 1.4966, -5.0027

# Details

The Hex color **9995A8** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A4A895**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CFCBDF**, and **666274** is the 20% darker color. If you saturate the color by 10%, you get **8C84A8**, and if you desaturate by 10%, it is **A6A6A8**.

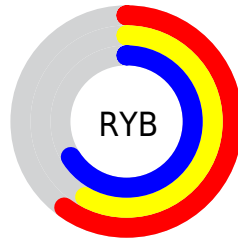
# Distribution



Red (60%)

Green (58%)

Blue (66%)



Red (60%)

Yellow (58%)

Blue (66%)

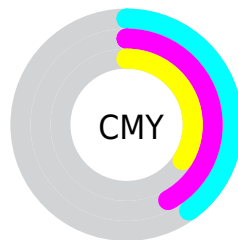


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (34%)



Cyan (40%)

Magenta (42%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9995A8 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 9995A8 by changing the saturation by 10% instead.





9995A8



9995A8

FFFFFF



7F7B8E



CFCBDF



666274



ECE7FC



4E4B5B



373444



211F2E



0C0619



000000



9995A8



9995A8



8C84A8



A6A6A8

7E73A8

B4B7A8

7163A8

C1C7A8

6452A8

CED8A8

5741A8

DBE9A8

4930A8

E9FAA8

3C1FA8

F6FFA8

2F0FA8

FFFFA8

2300A8

# Harmonies

## Analogous

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



8D98AA



9995A8



A492A1

# Triad

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



9995A8



A89487



829D97

# Complementary

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



9995A8



A4A895

# 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.



8A9C8D



9995A8



A09784

# Square

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



9995A8



AC918E



959A87



7F9DA0

# Rectangle

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



9995A8



A9919B



959A87



849D93



# Sweetspot

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



9995A8



D6D5DB



95A4A8



6A696E



EDEDED



6E6E6E



# Same Dimension

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



9995A8



C3BDD8



A295A8



4E4C54



1F0094



040014



# Inverse Universe

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



A895A4



DBBDD5



9BA895



544C52



940075

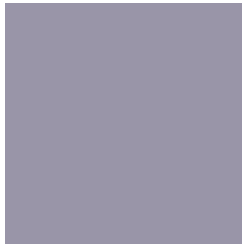


140010



# Previews

## White Background



This preview shows how the Hex color 9995A8 looks on a white background.

## Color Contrast Check

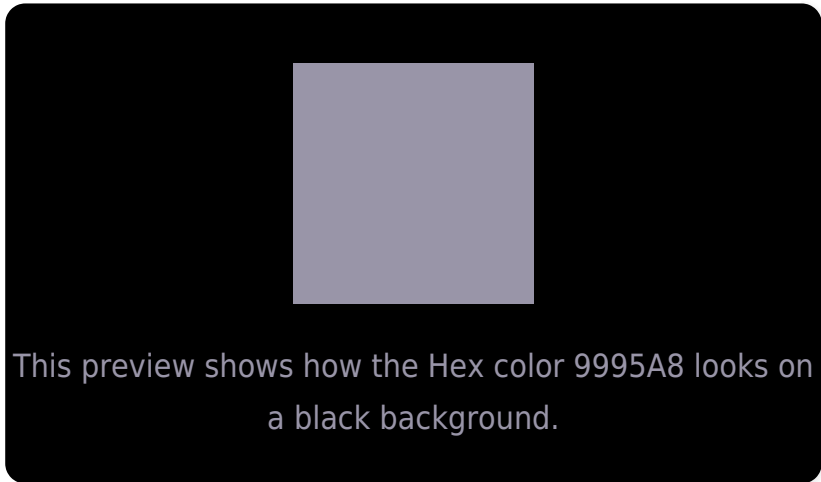
Large Text (above 18pt) WCAG AA × Fail

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

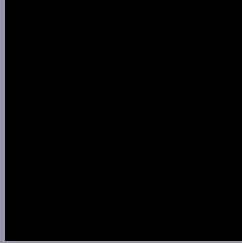
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

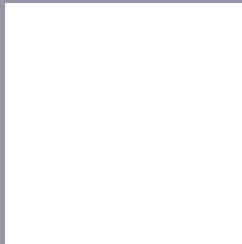
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9995A8 Background



This preview shows how black text looks on a background with the Hex color 9995A8.



This preview shows how white text looks on a background with the Hex color 9995A8.

# 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**  
9995A8

**Protanopia**  
9596A9

**Deuteranopia**  
9E93A8



**Tritanopia**  
9896A2

# Trichromacy



**Original Color**  
9995A8

**Protanomaly**  
9696A9

**Deuteranomaly**  
9C94A8

**Tritanomaly**  
9896A4

# Monochromacy



**Original Color**  
9995A8

**Achromatopsia**  
989898

**Achromatomaly**  
98979E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9995A8 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 #9995A8 looks like.

```
.text, #text, p{  
    color:#9995A8  
}
```

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 #9995A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9995A8  
}
```

## Border

The CSS property to change the border of an element to Hex 9995A8 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  
#9995A8 }
```

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

```
.border{ border-color:#9995A8 }
```

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

Here you see how a box with a 4 pixel #9995A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9995A8; -webkit-box-shadow:4px 4px  
4px 4px #9995A8; box-shadow:4px 4px 4px  
4px #9995A8 }
```

# Background

The CSS property to change the background color of an element to Hex 9995A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9995A8 }
```

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

```
.background{ background-color:#9995A8 }
```

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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