

# Converting Colors

Hex(9698A5)

Have a look what the booklet for  
Hex(9698A5) contains.

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# **Color**

**Hex(9698A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9698A5
RGB	150, 152, 165
RGB Percent	59%, 60%, 65%
CMY	0.4118, 0.4039, 0.3529
CMYK	0.09, 0.08, 0.00, 0.35
HSL	232°, 8%, 62%
HSV	232°, 9%, 65%
XYZ	30.5974, 31.6571, 40.0951
YIQ	152.8840, -5.3650, 3.6190

# Conversions

## Conversions Part 2

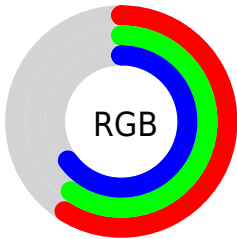
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">150, 152, 165</a>
Decimal	<a href="#">9869477</a>
CIELab	<a href="#">63.06, 1.91, -7.05</a>
CIELCh	<a href="#">63, 7.299, 285.155</a>
Yxy	<a href="#">31.6571, 0.2990, 0.3093</a>
Android (android.graphics.Color)	<a href="#">4288059557 (0xFF9698A5)</a>
YUV	<a href="#">152.8840, 5.9732, -2.5293</a>
Hunter-Lab	<a href="#">56.2647, -1.3926, -2.8657</a>

# Details

The Hex color **9698A5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A5A396**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CCCEDC**, and **636571** is the 20% darker color. If you saturate the color by 10%, you get **858AA5**, and if you desaturate by 10%, it is **A6A6A5**.

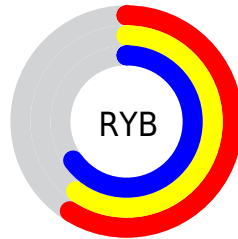
# Distribution



Red (59%)

Green (60%)

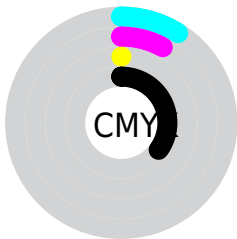
Blue (65%)



Red (59%)

Yellow (60%)

Blue (65%)

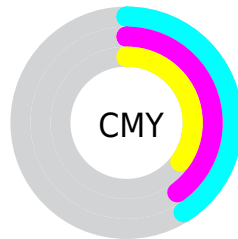


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (35%)



Cyan (41%)

Magenta (40%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9698A5 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 9698A5 by changing the saturation by 10% instead.





9698A5



9698A5

FFFFFF



7C7E8B



CCCEDC



636571



E8EAF9



4B4D59



353741



1F212B



080A17



000000



9698A5



9698A5



858AA5



A6A6A5

757BA5

B7B5A5

656DA5

C7C3A5

545FA5

D8D1A5

4350A5

E9E0A5

3342A5

F9EEA5

2334A5

FFCA5

1226A5

FFFA5

0117A5

# Harmonies

## Analogous

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



8E9AA5



9698A5



9E96A2

# Triad

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



9698A5



A69590



8C9C95

# Complementary

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



9698A5



A5A396

# 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.



939B8F



9698A5



A1978C

# Square

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



9698A5



A79495



9B998C



899D9C

# Rectangle

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



9698A5



A2959E



9B998C



8E9C93

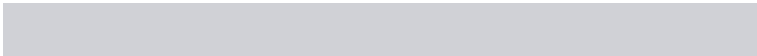


# Sweetspot

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



9698A5



D0D1D6



96A5A3



67676B



EBEBEB



6B6B6B



# Same Dimension

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



9698A5



BFC2D6



9B96A5



494B52



001391



000212



# Inverse Universe

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



A59698



D6BFC2



9FA596



52494B



910013

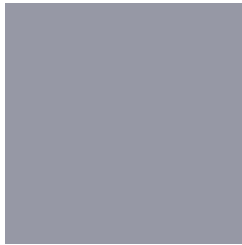


120002



# Previews

## White Background



This preview shows how the Hex color 9698A5 looks on a white background.

## Color Contrast Check

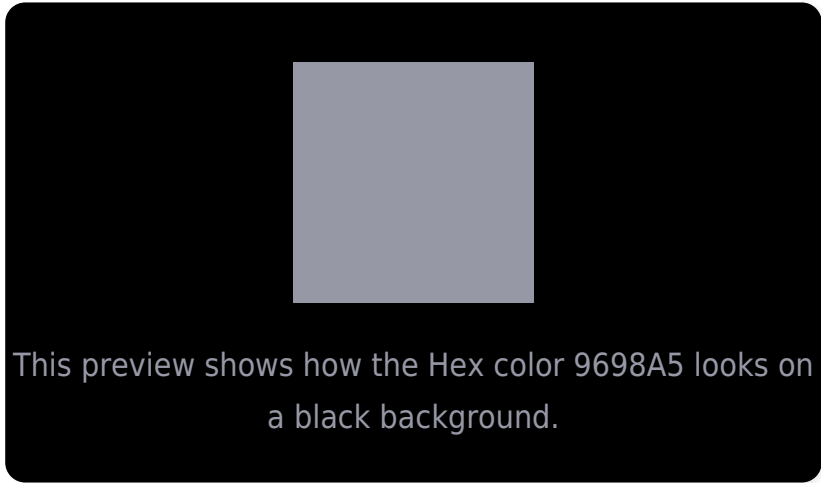
Large Text (above 18pt) WCAG AA × Fail

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

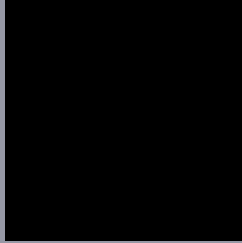
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

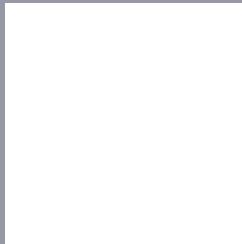
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9698A5 Background



This preview shows how black text looks on a background with the Hex color 9698A5.

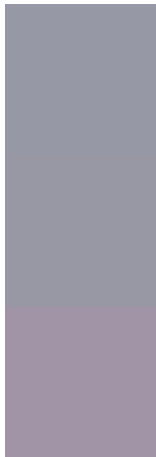


This preview shows how white text looks on a background with the Hex color 9698A5.

# 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**  
9698A5

**Protanopia**  
9898A5

**Deuteranopia**  
A194A6



**Tritanopia**  
9698A4

# Trichromacy



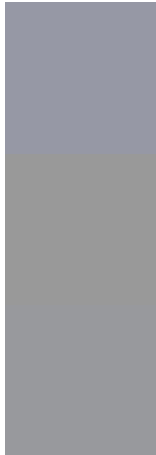
**Original Color**  
9698A5

**Protanomaly**  
9798A5

**Deuteranomaly**  
9D95A6

**Tritanomaly**  
9698A4

# Monochromacy



**Original Color**  
9698A5

**Achromatopsia**  
999999

**Achromatomaly**  
98999D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9698A5 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 #9698A5 looks like.

```
.text, #text, p{  
    color:#9698A5  
}
```

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 #9698A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9698A5
}
```

## Border

The CSS property to change the border of an element to Hex 9698A5 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
#9698A5 }
```

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

```
.border{ border-color:#9698A5 }
```

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

Here you see how a box with a 4 pixel #9698A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9698A5; -webkit-box-shadow:4px 4px  
4px 4px #9698A5; box-shadow:4px 4px 4px  
4px #9698A5 }
```

# Background

The CSS property to change the background color of an element to Hex 9698A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9698A5 }
```

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

```
.background{ background-color:#9698A5 }
```

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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