

# Converting Colors

Hex(9797A2)

Have a look what the booklet for  
Hex(9797A2) contains.

<b>Hex(9797A2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9797A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9797A2
RGB	151, 151, 162
RGB Percent	59%, 59%, 64%
CMY	0.4078, 0.4078, 0.3647
CMYK	0.07, 0.07, 0.00, 0.36
HSL	240°, 6%, 61%
HSV	240°, 7%, 64%
XYZ	30.3507, 31.3212, 38.6284
YIQ	152.2540, -3.5310, 3.4210

# Conversions

## Conversions Part 2

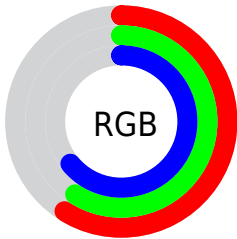
Format	Color
<a href="#">RYB</a>	<a href="#">151, 151, 162</a>
Decimal	<a href="#">9934754</a>
CIELab	<a href="#">62.78, 2.19, -5.76</a>
CIELCh	<a href="#">63, 6.163, 290.856</a>
Yxy	<a href="#">31.3212, 0.3026, 0.3123</a>
Android (android.graphics.Color)	<a href="#">4288124834 (0xFF9797A2)</a>
YUV	<a href="#">152.2540, 4.8048, -1.0998</a>
Hunter-Lab	<a href="#">55.9653, -1.1365, -1.7474</a>

# Details

The Hex color **9797A2** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A2A297**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CDCDD9**, and **64646E** is the 20% darker color. If you saturate the color by 10%, you get **8787A2**, and if you desaturate by 10%, it is **A7A7A2**.

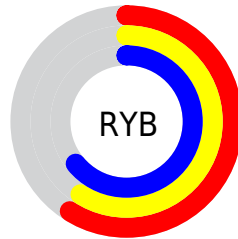
# Distribution



Red (59%)

Green (59%)

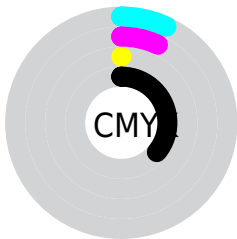
Blue (64%)



Red (59%)

Yellow (59%)

Blue (64%)

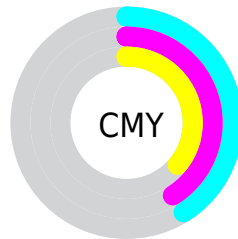


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (36%)



Cyan (41%)

Magenta (41%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9797A2 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 9797A2 by changing the saturation by 10% instead.





9797A2



9797A2

FFFFFF



7D7D88



CDCDD9



64646E



E9E9F5



4C4C56



36363F



202029



090915



000000



9797A2



9797A2



8787A2



A7A7A2

7777A2

B7B7A2

6666A2

C8C8A2

5656A2

D8D8A2

4646A2

E8E8A2

3636A2

F8F8A2

2626A2

FFFA2

1515A2

0505A2

# Harmonies

## Analogous

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



9099A2



9797A2



9D959F

# Triad

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



9797A2



A39590



8D9B96

# Complementary

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



9797A2



A2A297

# 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.



929A91



9797A2



9E978D

# Square

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



9797A2



A49494



98998E



8B9B9B

# Rectangle

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



9797A2



A1959C



98998E



8E9B94

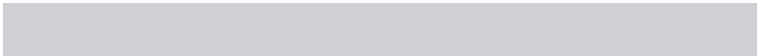


# Sweetspot

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



9797A2



CFCFD4



97A2A2



69696B



EBEBEB



6B6B6B



# Same Dimension

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



9797A2



C3C3D4



9D97A2



494952



000091



000012



# Inverse Universe

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



A297A2



D4C3D4



9DA297



524952



910091



120012



# Previews

## White Background



This preview shows how the Hex color 9797A2 looks on a white background.

## Color Contrast Check

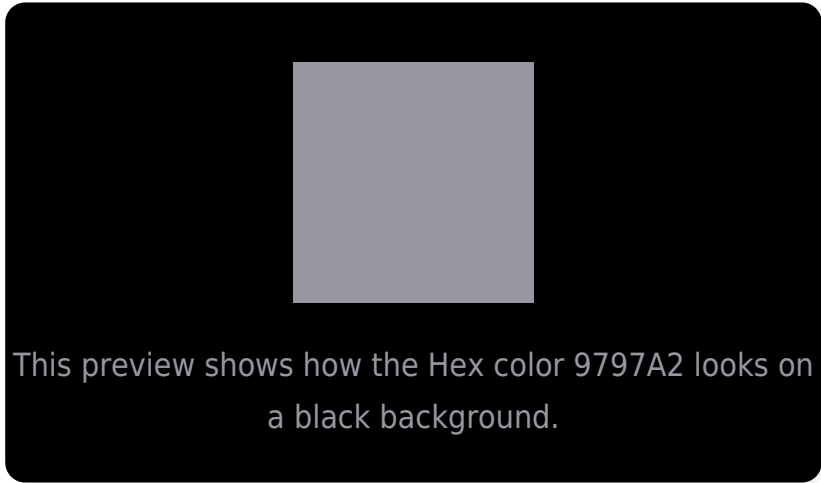
Large Text (above 18pt) WCAG AA × Fail

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

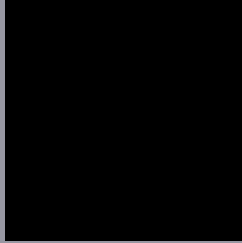
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

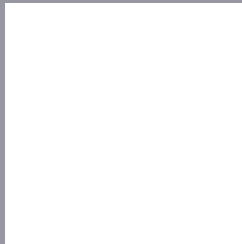
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9797A2 Background



This preview shows how black text looks on a background with the Hex color 9797A2.



This preview shows how white text looks on a background with the Hex color 9797A2.

# 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**

9797A2

**Protanopia**

9897A2

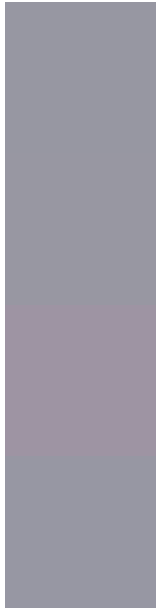
**Deuteranopia**

A293A3



**Tritanopia**  
9797A3

# Trichromacy



**Original Color**  
9797A2

**Protanomaly**  
9897A2

**Deuteranomaly**  
9E94A3

**Tritanomaly**  
9797A3

# Monochromacy



**Original Color**  
9797A2

**Achromatopsia**  
989898

**Achromatomaly**  
98989C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9797A2 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 #9797A2 looks like.

```
.text, #text, p{  
    color:#9797A2  
}
```

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 #9797A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9797A2
}
```

## Border

The CSS property to change the border of an element to Hex 9797A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

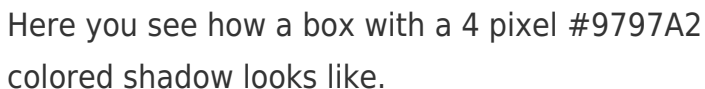
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9797A2 }
```

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

```
.border{ border-color:#9797A2 }
```

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



Here you see how a box with a 4 pixel #9797A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9797A2; -webkit-box-shadow:4px 4px  
4px 4px #9797A2; box-shadow:4px 4px 4px  
4px #9797A2 }
```

# Background

The CSS property to change the background color of an element to Hex 9797A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9797A2 }
```

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

```
.background{ background-color:#9797A2 }
```

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