

# Converting Colors

Hex(9988A4)

Have a look what the booklet for  
Hex(9988A4) contains.

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# **Color**

**Hex(9988A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9988A4
RGB	153, 136, 164
RGB Percent	60%, 53%, 64%
CMY	0.4000, 0.4667, 0.3569
CMYK	0.07, 0.17, 0.00, 0.36
HSL	276°, 13%, 59%
HSV	276°, 17%, 64%
XYZ	28.6419, 27.0610, 38.8357
YIQ	144.2750, 1.1440, 12.3120

# Conversions

## Conversions Part 2

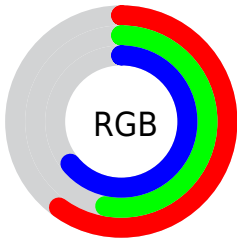
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 136, 164
Decimal	10061988
CIELab	59.03, 11.81, -12.47
CIELCh	59, 17.175, 313.430
Yxy	27.0610, 0.3030, 0.2862
Android (android.graphics.Color)	4288252068 (0xFF9988A4)
YUV	144.2750, 9.7244, 7.6518
Hunter-Lab	52.0201, 7.2454, -7.8489

# Details

The Hex color **9988A4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **93A488**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **CFBDDB**, and **665670** is the 20% darker color. If you saturate the color by 10%, you get **9378A4**, and if you desaturate by 10%, it is **9F98A4**.

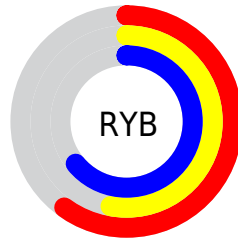
# Distribution



Red (60%)

Green (53%)

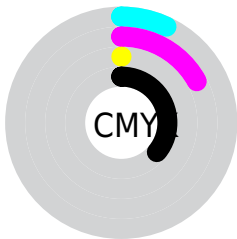
Blue (64%)



Red (60%)

Yellow (53%)

Blue (64%)

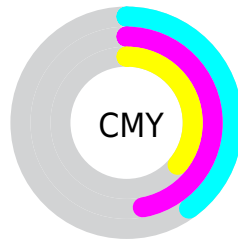


Cyan (7%)

Magenta (17%)

Yellow (0%)

Black (36%)



Cyan (40%)

Magenta (47%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9988A4 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 9988A4 by changing the saturation by 10% instead.



■ 9988A4

■ 9988A4

FFFFFF

■ 7F6F8A

■ CFBDDB

■ 665670

■ ECD9F7

■ 4E3F58

■ FFF6FF

■ 372940

■ 21142A

■ 070016

■ 000000

■ 9988A4

■ 9988A4

■ 9378A4

■ 9F98A4

8C67A4

A6A9A4

8657A4

ACB9A4

7F46A4

B3CAA4

7936A4

B9DAA4

7226A4

C0EAA4

6C15A4

C6FBA4

6505A4

CDFFA4

6400A4

D3FFA4

# Harmonies

## Analogous

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



868DAB



9988A4



A78497

# Triad

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



9988A4



A18A72



669794

# Complementary

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



9988A4



93A488

# 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.



719685



9988A4



938F71

# Square

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



9988A4



AB867A



819378



6695A2

# Rectangle

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



9988A4



AC838D



819378



69978F



# Sweetspot

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



9988A4



D2CBD6



8893A4



69656B



EBEBEB



6B6B6B



# Same Dimension

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



9988A4



C5ABD6



A488A1



4E4952



580091



0B0012



# Inverse Universe

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



A48893



D6ABBC



88A48B



52494D



910039

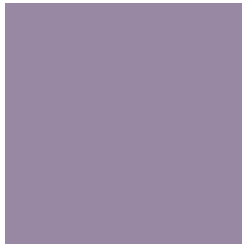


120007



# Previews

## White Background



This preview shows how the Hex color 9988A4 looks on a white background.

## Color Contrast Check

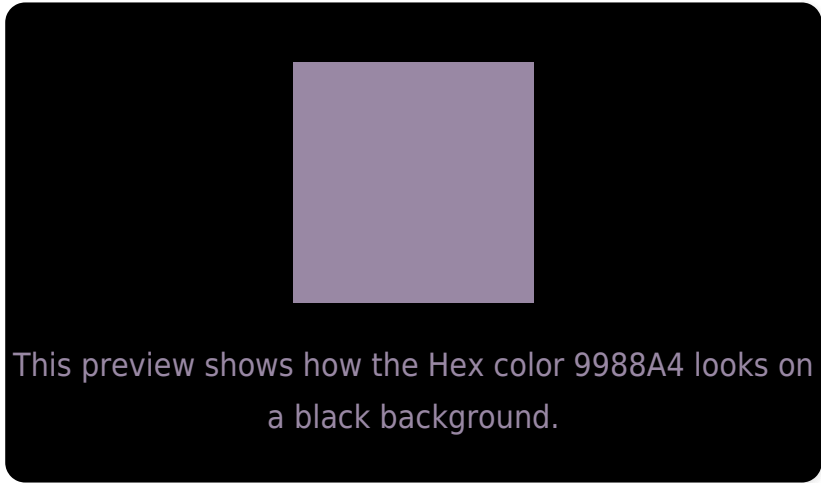
Large Text (above 18pt) WCAG AA ✓ Pass

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

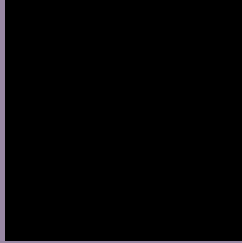
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9988A4 Background



This preview shows how black text looks on a background with the Hex color 9988A4.



This preview shows how white text looks on a background with the Hex color 9988A4.

# 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**  
9988A4

**Protanopia**  
898DA7

**Deuteranopia**  
928BA3



**Tritanopia**  
978B95

# Trichromacy



**Original Color**  
9988A4

**Protanomaly**  
8F8BA6

**Deuteranomaly**  
958AA3

**Tritanomaly**  
988A9A

# Monochromacy



**Original Color**  
9988A4

**Achromatopsia**  
909090

**Achromatomaly**  
938D97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9988A4 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 #9988A4 looks like.

```
.text, #text, p{  
    color:#9988A4  
}
```

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 #9988A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9988A4  
}
```

## Border

The CSS property to change the border of an element to Hex 9988A4 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  
#9988A4 }
```

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

```
.border{ border-color:#9988A4 }
```

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

Here you see how a box with a 4 pixel #9988A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9988A4; -webkit-box-shadow:4px 4px  
4px 4px #9988A4; box-shadow:4px 4px 4px  
4px #9988A4 }
```

# Background

The CSS property to change the background color of an element to Hex 9988A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9988A4 }
```

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

```
.background{ background-color:#9988A4 }
```

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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