

# Converting Colors

Hex(989DA4)

Have a look what the booklet for  
Hex(989DA4) contains.

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# **Color**

**Hex(989DA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	989DA4
RGB	152, 157, 164
RGB Percent	60%, 62%, 64%
CMY	0.4039, 0.3843, 0.3569
CMYK	0.07, 0.04, 0.00, 0.36
HSL	215°, 6%, 62%
HSV	215°, 7%, 64%
XYZ	31.7067, 33.4697, 39.9111
YIQ	156.3030, -5.2270, 1.1170

# Conversions

## Conversions Part 2

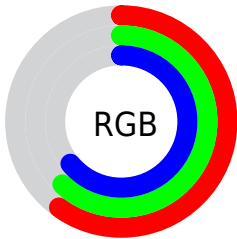
Format	Color
<b>RYB</b>	152, 156, 164
Decimal	10001828
CIELab	64.54, -0.38, -4.27
CIELCh	65, 4.290, 264.875
Yxy	33.4697, 0.3017, 0.3185
Android (android.graphics.Color)	4288191908 (0xFF989DA4)
YUV	156.3030, 3.7946, -3.7737
Hunter-Lab	57.8530, -3.4146, -0.4054

# Details

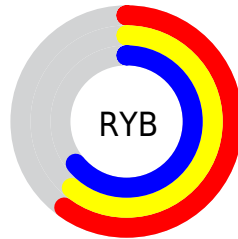
The Hex color **989DA4** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A49F98**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CED4DB**, and **656A70** is the 20% darker color. If you saturate the color by 10%, you get **8893A4**, and if you desaturate by 10%, it is **A8A7A4**.

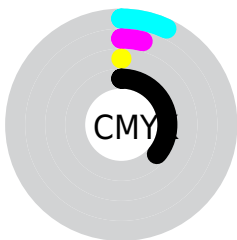
# Distribution



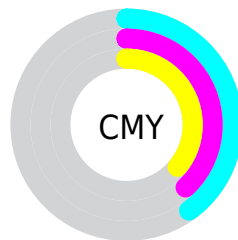
- Red (60%)
- Green (62%)
- Blue (64%)



- Red (60%)
- Yellow (61%)
- Blue (64%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (38%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989DA4 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 989DA4 by changing the saturation by 10% instead.



■ 989DA4

■ 989DA4

FFFFFF

■ 7E838A

■ CED4DB

■ 656A70

■ EAF0F7

■ 4D5258

■ 363B41

■ 21252B

■ 0B1016

■ 000000

■ 989DA4

■ 989DA4

■ 8893A4

■ A8A7A4

778AA4

B9B0A4

6780A4

C9BAA4

5677A4

DAC3A4

466DA4

EACDA4

3664A4

FAD6A4

255AA4

FFE0A4

1550A4

FFEAA4

0447A4

FFF3A4

# Harmonies

## Analogous

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



959EA3



989DA4



9D9CA3

# Triad

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



989DA4



A59A99



989E98

# Complementary

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



989DA4



A49F98

# 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.



9C9D96



989DA4



A49B96

# Square

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



989DA4



A49A9D



A19C95



959F9C

# Rectangle

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



989DA4



A09BA2



A19C95



999E97



# Sweetspot

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



989DA4



D2D4D6



98A49F



696A6B



EBEBEB



6B6B6B

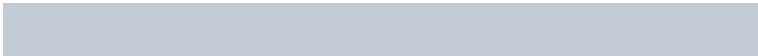


# Same Dimension

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



989DA4



C3CBD6



9998A4



494D52



003D91



000712



# Inverse Universe

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



A4989D



D6C3CB



A3A498



52494D



91003D



120007



# Previews

## White Background



This preview shows how the Hex color 989DA4 looks on a white background.

## Color Contrast Check

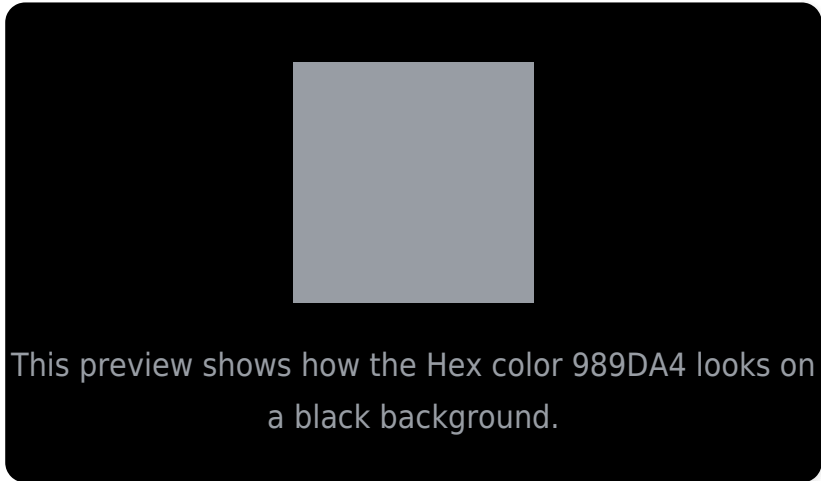
Large Text (above 18pt) WCAG AA × Fail

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

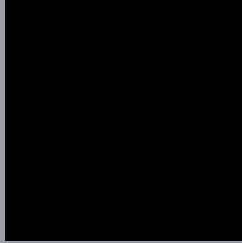
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

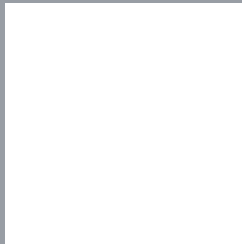
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 989DA4 Background



This preview shows how black text looks on a background with the Hex color 989DA4.



This preview shows how white text looks on a background with the Hex color 989DA4.

# 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**  
989DA4

**Protanopia**  
9D9BA3

**Deuteranopia**  
A898A5



**Tritanopia**  
999CA9

# Trichromacy



**Original Color**  
989DA4

**Protanomaly**  
9B9CA3

**Deuteranomaly**  
A29AA5

**Tritanomaly**  
999CA7

# Monochromacy



**Original Color**  
989DA4

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
9B9C9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989DA4 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 #989DA4 looks like.

```
.text, #text, p{  
    color:#989DA4  
}
```

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 #989DA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989DA4
}
```

## Border

The CSS property to change the border of an element to Hex 989DA4 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
#989DA4 }
```

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

```
.border{ border-color:#989DA4 }
```

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

Here you see how a box with a 4 pixel #989DA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989DA4; -webkit-box-shadow:4px 4px  
4px 4px #989DA4; box-shadow:4px 4px 4px  
4px #989DA4 }
```

# Background

The CSS property to change the background color of an element to Hex 989DA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989DA4 }
```

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

```
.background{ background-color:#989DA4 }
```

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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