

# Converting Colors

Hex(989CB6)

Have a look what the booklet for  
Hex(989CB6) contains.

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# **Color**

**Hex(989CB6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	989CB6
RGB	152, 156, 182
RGB Percent	60%, 61%, 71%
CMY	0.4039, 0.3882, 0.2863
CMYK	0.16, 0.14, 0.00, 0.29
HSL	232°, 17%, 65%
HSV	232°, 16%, 71%
XYZ	33.2809, 33.8297, 49.0317
YIQ	157.7680, -10.7300, 7.2380

# Conversions

## Conversions Part 2

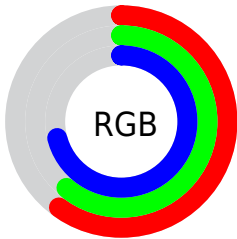
Format	Color
<a href="#">RYB</a>	<a href="#">152, 156, 182</a>
Decimal	<a href="#">10001590</a>
CIELab	<a href="#">64.83, 4.02, -13.94</a>
CIElCh	<a href="#">65, 14.509, 286.096</a>
Yxy	<a href="#">33.8297, 0.2866, 0.2913</a>
Android (android.graphics.Color)	<a href="#">4288191670 (0xFF989CB6)</a>
YUV	<a href="#">157.7680, 11.9464, -5.0585</a>
Hunter-Lab	<a href="#">58.1633, 0.3513, -9.2671</a>

# Details

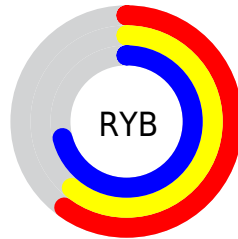
The Hex color **989CB6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B6B298**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **CED2EE**, and **656981** is the 20% darker color. If you saturate the color by 10%, you get **868CB6**, and if you desaturate by 10%, it is **AAACB6**.

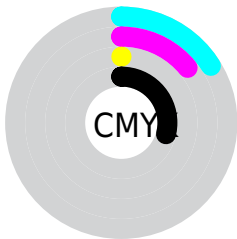
# Distribution



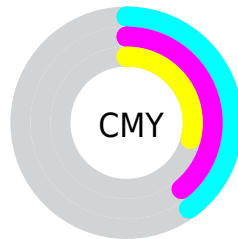
- Red (60%)
- Green (61%)
- Blue (71%)



- Red (60%)
- Yellow (61%)
- Blue (71%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (39%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989CB6 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 989CB6 by changing the saturation by 10% instead.



 989CB6

 989CB6

FFFFFF

 7E829B

 CED2EE

 656981

 EBEFFF

 4C5168

 353A50

 1F2439

 0A0F23

 00000C

 000000

 989CB6

 989CB6

868CB6

AAACB6

747CB6

BCBCB6

616DB6

CFCBB6

4F5DB6

E1DBB6

3D4DB6

F3EBB6

2B3DB6

FFFBB6

192EB6

FFFFB6

061EB6

0018B6

# Harmonies

## Analogous

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



88A0B6



989CB6



A898AF

# Triad

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



989CB6



B6978B



84A497

# Complementary

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



989CB6



B6B298

# 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.



91A28B



989CB6



AD9A84

# Square

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



989CB6



B99497



A09F84



7CA5A4

# Rectangle

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



989CB6



B196A8



A09F84



88A492



# Sweetspot

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



989CB6



E1E3ED



98B6B2



717278



F7F7F7



787878



# Same Dimension

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



989CB6



BEC4ED



A398B6



53545C



00159C



00041C



# Inverse Universe

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



B6989C



EDBEC4



ABB698



5C5354



9C0015

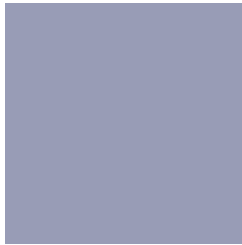


1C0004



# Previews

## White Background



This preview shows how the Hex color 989CB6 looks on a white background.

## Color Contrast Check

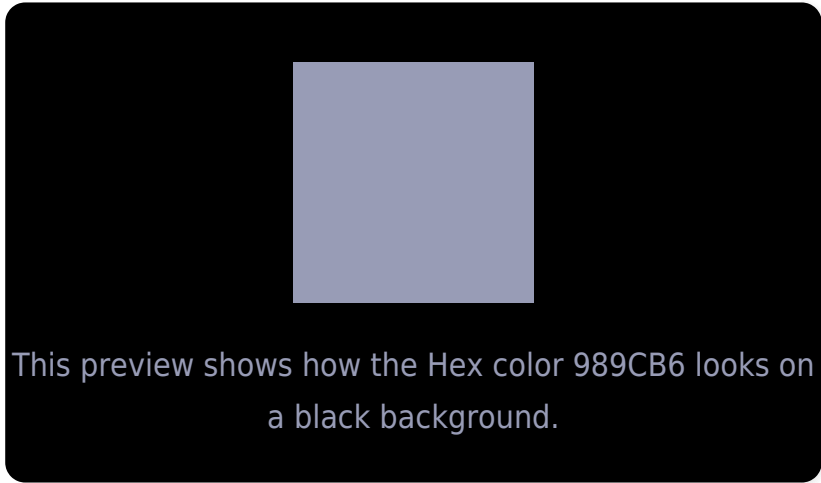
Large Text (above 18pt) WCAG AA × Fail

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

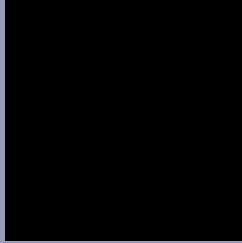
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

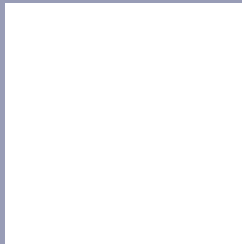
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 989CB6 Background



This preview shows how black text looks on a background with the Hex color 989CB6.



This preview shows how white text looks on a background with the Hex color 989CB6.

# 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**  
989CB6

**Protanopia**  
989CB6

**Deuteranopia**  
A099B7



# Trichromacy



**Original Color**  
989CB6

**Protanomaly**  
989CB6

**Deuteranomaly**  
9D9AB7

**Tritanomaly**  
979DAE

# Monochromacy



**Original Color**  
989CB6

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
9C9DA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989CB6 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 #989CB6 looks like.

```
.text, #text, p{  
    color:#989CB6  
}
```

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 #989CB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989CB6
}
```

## Border

The CSS property to change the border of an element to Hex 989CB6 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
#989CB6 }
```

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

```
.border{ border-color:#989CB6 }
```

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

Here you see how a box with a 4 pixel #989CB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989CB6; -webkit-box-shadow:4px 4px  
4px 4px #989CB6; box-shadow:4px 4px 4px  
4px #989CB6 }
```

# Background

The CSS property to change the background color of an element to Hex 989CB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989CB6 }
```

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

```
.background{ background-color:#989CB6 }
```

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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