

# Converting Colors

Hex(988EB9)

Have a look what the booklet for  
Hex(988EB9) contains.

<b>Hex(988EB9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(988EB9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	988EB9
RGB	152, 142, 185
RGB Percent	60%, 56%, 73%
CMY	0.4039, 0.4431, 0.2745
CMYK	0.18, 0.23, 0.00, 0.27
HSL	254°, 23%, 64%
HSV	254°, 23%, 73%
XYZ	31.3789, 29.5242, 49.9438
YIQ	149.8920, -7.8430, 15.4930

# Conversions

## Conversions Part 2

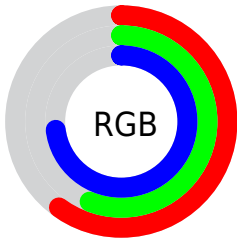
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 142, 185
Decimal	9998009
CIELab	61.24, 12.63, -21.07
CIELCh	61, 24.565, 300.948
Yxy	29.5242, 0.2831, 0.2664
Android (android.graphics.Color)	4288188089 (0xFF988EB9)
YUV	149.8920, 17.3082, 1.8487
Hunter-Lab	54.3362, 7.9945, -16.4619

# Details

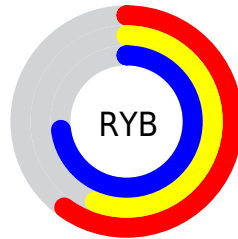
The Hex color **988EB9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **AFB98E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **CFC4F1**, and **645C84** is the 20% darker color. If you saturate the color by 10%, you get **8A7CB9**, and if you desaturate by 10%, it is **A6A1B9**.

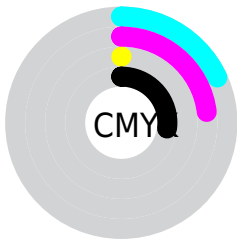
# Distribution



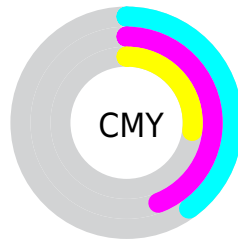
- Red (60%)
- Green (56%)
- Blue (73%)



- Red (60%)
- Yellow (56%)
- Blue (73%)



- Cyan (18%)
- Magenta (23%)
- Yellow (0%)
- Black (27%)



- Cyan (40%)
- Magenta (44%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 988EB9 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 988EB9 by changing the saturation by 10% instead.



■ 988EB9

■ 988EB9

FFFFFF

■ 7E749E

■ CFC4F1

■ 645C84

■ EBE0FF

■ 4C446A

■ FFFCFE

■ 352E52

■ 1E193B

■ 0B0025

■ 00010E

■ 000000

■ 988EB9

■ 988EB9

8A7CB9

A6A1B9

7C69B9

B4B3B9

6D56B9

C3C5B9

5F44B9

D1D8B9

5132B9

DFEBB9

431FB9

EDFDB9

350CB9

FBFFB9

2B00B9

FFFFB9

# Harmonies

## Analogous

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



7996BF



988EB9



B087A9

# Triad

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



988EB9



B58B6F



5CA094

# Complementary

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



988EB9



AFB98E

# 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.



729E7E



988EB9



A39368

# Square

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



988EB9



BF867F



8C996E



519FA9

# Rectangle

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



988EB9



BB849B



8C996E



63A08C



# Sweetspot

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



988EB9



E3DFF0



8EB0B9



706E78



F7F7F7



787878



# Same Dimension

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



988EB9



BCADF0



AD8EB9



55535C



24009C



07001C



# Inverse Universe

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



B98EAF



F0ADE0



9AB98E



5C535A



9C0077



1C0016



# Previews

## White Background



This preview shows how the Hex color 988EB9 looks on a white background.

## Color Contrast Check

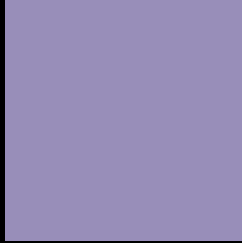
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 988EB9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

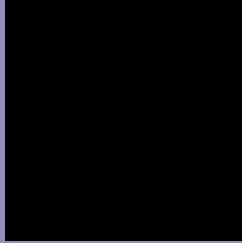
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 988EB9 Background



This preview shows how black text looks on a background with the Hex color 988EB9.



This preview shows how white text looks on a background with the Hex color 988EB9.

# 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](#).

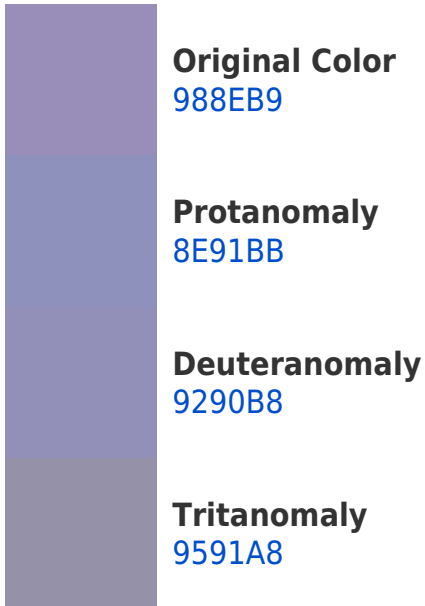
## Dichromacy



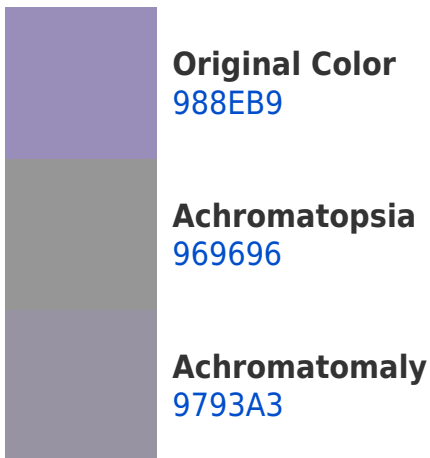


**Tritanopia**  
93939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 988EB9 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 #988EB9 looks like.

```
.text, #text, p{  
    color:#988EB9  
}
```

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 #988EB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #988EB9
}
```

## Border

The CSS property to change the border of an element to Hex 988EB9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

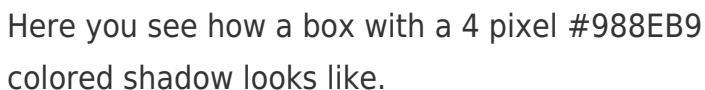
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#988EB9 }
```

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

```
.border{ border-color:#988EB9 }
```

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



Here you see how a box with a 4 pixel #988EB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #988EB9; -webkit-box-shadow:4px 4px  
4px 4px #988EB9; box-shadow:4px 4px 4px  
4px #988EB9 }
```

# Background

The CSS property to change the background color of an element to Hex 988EB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#988EB9 }
```

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

```
.background{ background-color:#988EB9 }
```

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