

# Converting Colors

Hex(989CB5)

Have a look what the booklet for  
Hex(989CB5) contains.

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# **Color**

**Hex(989CB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	989CB5
RGB	152, 156, 181
RGB Percent	60%, 61%, 71%
CMY	0.4039, 0.3882, 0.2902
CMYK	0.16, 0.14, 0.00, 0.29
HSL	232°, 16%, 65%
HSV	232°, 16%, 71%
XYZ	33.1779, 33.7885, 48.4892
YIQ	157.6540, -10.4090, 6.9270

# Conversions

## Conversions Part 2

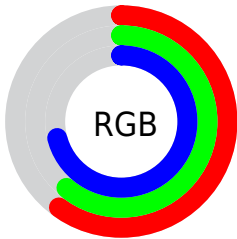
Format	Color
<a href="#">RYB</a>	<a href="#">152, 156, 181</a>
Decimal	<a href="#">10001589</a>
CIELab	<a href="#">64.79, 3.80, -13.43</a>
CIELCh	<a href="#">65, 13.957, 285.800</a>
Yxy	<a href="#">33.7885, 0.2874, 0.2927</a>
Android (android.graphics.Color)	<a href="#">4288191669 (0xFF989CB5)</a>
YUV	<a href="#">157.6540, 11.5096, -4.9586</a>
Hunter-Lab	<a href="#">58.1279, 0.1592, -8.7691</a>

# Details

The Hex color **989CB5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B5B198**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **CED2ED**, and **656980** is the 20% darker color. If you saturate the color by 10%, you get **868CB5**, and if you desaturate by 10%, it is **AAACB5**.

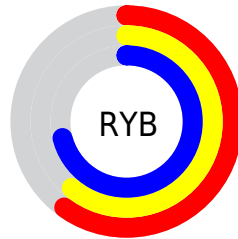
# Distribution



Red (60%)

Green (61%)

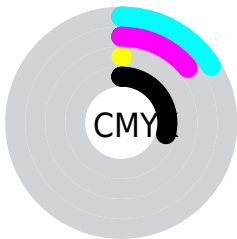
Blue (71%)



Red (60%)

Yellow (61%)

Blue (71%)

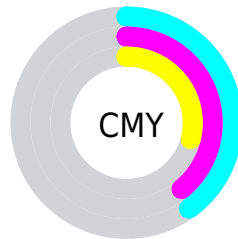


Cyan (16%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (40%)

Magenta (39%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989CB5 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 989CB5 by changing the saturation by 10% instead.





989CB5



989CB5

FFFFFF



7E829A



CED2ED



656980



EBEFFF



4D5167



353A4F



1F2438



0A0F23



00000B



000000



989CB5



989CB5

868CB5

AAACB5

747DB5

BCBBB5

626DB5

CECBB5

505EB5

E0DAB5

3D4EB5

F3EAB5

2B3EB5

FFFAB5

192FB5

FFFFB5

071FB5

0019B5

# Harmonies

## Analogous

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



89A0B5



989CB5



A898AF

# Triad

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



989CB5



B5978C



85A497

# Complementary

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



989CB5



B5B198

# 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.



92A28C



989CB5



AD9A85

# Square

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



989CB5



B89597



A09E85



7DA5A3

# Rectangle

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



989CB5



B096A8



A09E85



89A493



# Sweetspot

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



989CB5



DFE0EB



98B5B1



6E6F75



F5F5F5



757575



# Same Dimension

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



989CB5



BEC4EB



A298B5



505259



001599



00041A



# Inverse Universe

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



B5989C



EBBEC4



ABB598



595052



990015

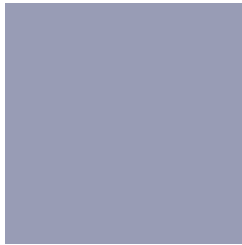


1A0004



# Previews

## White Background



This preview shows how the Hex color 989CB5 looks on a white background.

## Color Contrast Check

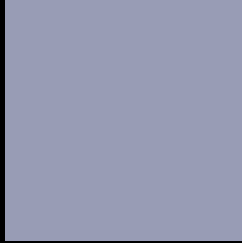
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 989CB5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

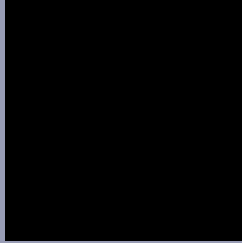
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 989CB5 Background



This preview shows how black text looks on a background with the Hex color 989CB5.



This preview shows how white text looks on a background with the Hex color 989CB5.

# 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**  
989CB5

**Protanopia**  
999CB5

**Deuteranopia**  
A199B6



**Tritanopia**  
969EAA

# Trichromacy



**Original Color**  
989CB5

**Protanomaly**  
999CB5

**Deuteranomaly**  
9E9AB6

**Tritanomaly**  
979DAE

# Monochromacy



**Original Color**  
989CB5

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
9C9DA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989CB5 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 #989CB5 looks like.

```
.text, #text, p{  
    color:#989CB5  
}
```

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 #989CB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989CB5
}
```

## Border

The CSS property to change the border of an element to Hex 989CB5 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
#989CB5 }
```

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

```
.border{ border-color:#989CB5 }
```

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

Here you see how a box with a 4 pixel #989CB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989CB5; -webkit-box-shadow:4px 4px  
4px 4px #989CB5; box-shadow:4px 4px 4px  
4px #989CB5 }
```

# Background

The CSS property to change the background color of an element to Hex 989CB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989CB5 }
```

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

```
.background{ background-color:#989CB5 }
```

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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