

# Converting Colors

Hex(989DCD)

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

<b>Hex(989DCD)</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(989DCD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	989DCD
RGB	152, 157, 205
RGB Percent	60%, 62%, 80%
CMY	0.4039, 0.3843, 0.1961
CMYK	0.26, 0.23, 0.00, 0.20
HSL	234°, 35%, 70%
HSV	234°, 26%, 80%
XYZ	36.0253, 35.1971, 62.6526
YIQ	160.9770, -18.3880, 13.8680

# Conversions

## Conversions Part 2

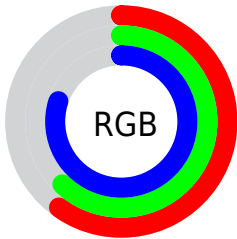
Format	Color
R <sub>YB</sub>	152, 157, 205
Decimal	10001869
CIE Lab	65.90, 8.82, -25.14
CIE LCh	66, 26.643, 289.339
Yxy	35.1971, 0.2691, 0.2629
Android (android.graphics.Color)	4288191949 (0xFF989DCD)
YUV	160.9770, 21.7033, -7.8728
Hunter-Lab	59.3272, 4.5683, -21.0843

# Details

The Hex color **989DCD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CDC898**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CFD3FF**, and **646A97** is the 20% darker color. If you saturate the color by 10%, you get **848ACD**, and if you desaturate by 10%, it is **ADB0CD**.

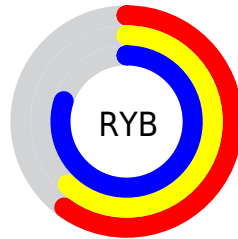
# Distribution



Red (60%)

Green (62%)

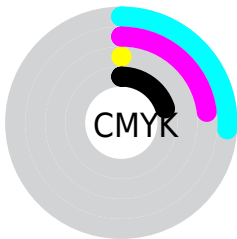
Blue (80%)



Red (60%)

Yellow (62%)

Blue (80%)

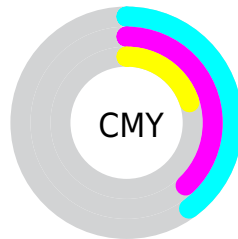


Cyan (26%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (40%)

Magenta (38%)

Yellow (20%)

# Brightness & Saturation Gradients

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



■ 989DCD

■ 989DCD

FFFFFF

■ 7E83B1

■ CFD3FF

■ 646A97

■ ECF0FF

■ 4B527D

■ 323B64

■ 1A254B

■ 011134

■ 00021F

■ 000002

■ 000000

■ 989DCD

■ 989DCD

■ 848ACD

■ ADB0CD

■ 6F78CD

■ C1C2CD

■ 5A65CD

■ D6D5CD

■ 4653CD

■ EAE7CD

■ 3240CD

■ FFFACD

■ 1D2ECD

■ FFFFCD

■ 081BCD

■ 0013CD

# Harmonies

## Analogous

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



76A5CF



989DCD



B695BF

# Triad

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



989DCD



CA947D



6BAD96

# Complementary

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



989DCD



CDC898

# 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.



86AA80



989DCD



B99C71

# Square

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



989DCD



D08F91



A1A373



58ADAF

# Rectangle

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



989DCD



C591B2



A1A373



74AC8F



# Sweetspot

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



989DCD



EBEDFF



98CDC8



737480



000000



808080



# Same Dimension

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



989DCD



B0B7FF



AD98CD



5C5D66



0010A6



000426



# Inverse Universe

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



CD989D



FFB0B7



B8CD98



665C5D



A60010

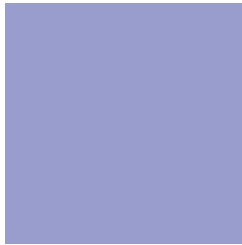


260004



# Previews

## White Background



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

## Color Contrast Check

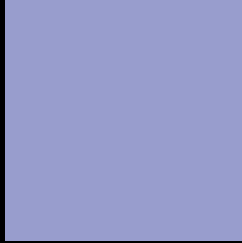
Large Text (above 18pt) WCAG AA × Fail

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 989DCD 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 989DCD Background



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



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

# 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**  
989DCD

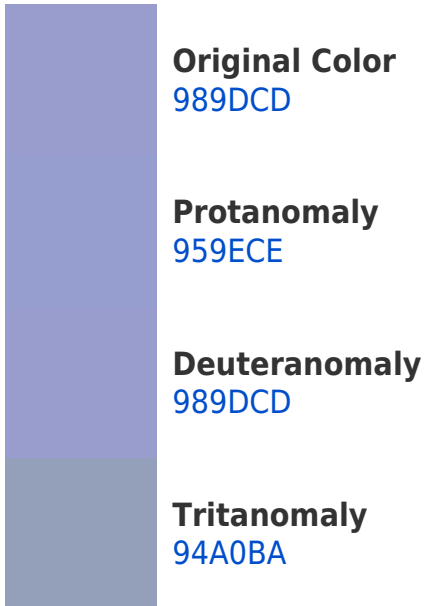
**Protanopia**  
949ECE

**Deuteranopia**  
989DCD

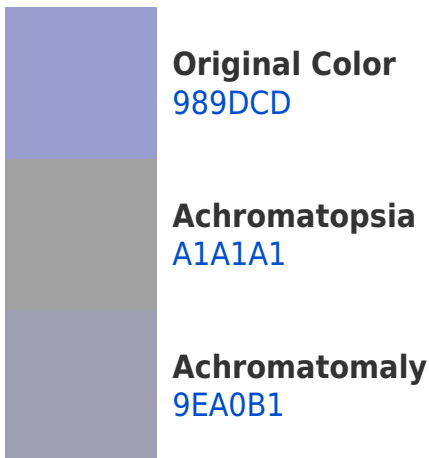


**Tritanopia**  
92A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #989DCD colored shadow looks like.

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

## Border

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

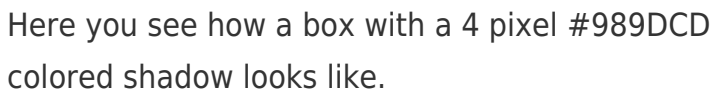
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#989DCD }
```

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

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

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



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

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

# Background

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

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

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

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

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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