

# Converting Colors

Hex(969CD9)

Have a look what the booklet for  
Hex(969CD9) contains.

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# **Color**

**Hex(969CD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	969CD9
RGB	150, 156, 217
RGB Percent	59%, 61%, 85%
CMY	0.4118, 0.3882, 0.1490
CMYK	0.31, 0.28, 0.00, 0.15
HSL	235°, 47%, 72%
HSV	235°, 31%, 85%
XYZ	36.9905, 35.2707, 70.5040
YIQ	161.1600, -23.1570, 17.6990

# Conversions

## Conversions Part 2

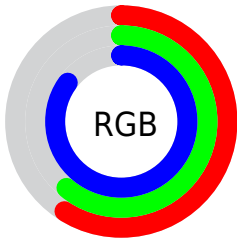
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 156, 217
Decimal	9870553
CIE <sub>Lab</sub>	65.96, 11.78, -31.72
CIE <sub>LCh</sub>	66, 33.836, 290.375
Yxy	35.2707, 0.2591, 0.2471
Android (android.graphics.Color)	4288060633 (0xFF969CD9)
YUV	161.1600, 27.5291, -9.7873
Hunter-Lab	59.3892, 7.2477, -28.8138

# Details

The Hex color **969CD9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D9D396**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CED2FF**, and **6169A2** is the 20% darker color. If you saturate the color by 10%, you get **8088D9**, and if you desaturate by 10%, it is **ACB0D9**.

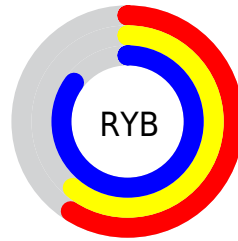
# Distribution



Red (59%)

Green (61%)

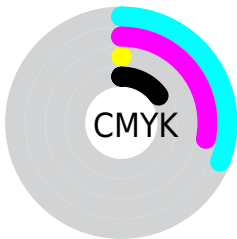
Blue (85%)



Red (59%)

Yellow (61%)

Blue (85%)

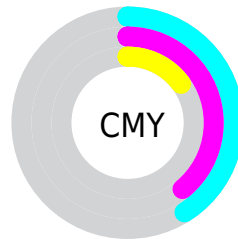


Cyan (31%)

Magenta (28%)

Yellow (0%)

Black (15%)



Cyan (41%)

Magenta (39%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 969CD9 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 969CD9 by changing the saturation by 10% instead.



■ 969CD9

■ 969CD9

FFFFFF

■ 7B82BD

■ CED2FF

■ 6169A2

■ EAEFFF

■ 475187

■ 2E3A6E

■ 122555

■ 00113E

■ 000327

■ 000111

■ 000000

■ 969CD9

■ 969CD9

■ 8088D9

■ ACB0D9

■ 6B74D9

■ C1C4D9

■ 5561D9

■ D7D7D9

■ 3F4DD9

■ EDEBD9

■ 2A39D9

■ FFFFD9

■ 1425D9

■ 0013D9

# Harmonies

## Analogous

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



65A6DC



969CD9



BD91C7

# Triad

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



969CD9



D39173



57B095

# Complementary

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



969CD9



D9D396

# 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.



7DAC79



969CD9



BD9B64

# Square

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



969CD9



DC8A8D



A0A567



33B1B4

# Rectangle

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



969CD9



CF8CB5



A0A567



64AF8B



# Sweetspot

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



969CD9



E8EAFF



96D9D2



717380



000000



808080



# Same Dimension

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



969CD9



A1A9FF



B196D9



63646E



0010AD



00042E



# Inverse Universe

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



D9969C



FFA1A9



BED996



6E6364



AD0010

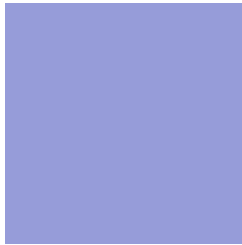


2E0004



# Previews

## White Background



This preview shows how the Hex color 969CD9 looks on a white background.

## Color Contrast Check

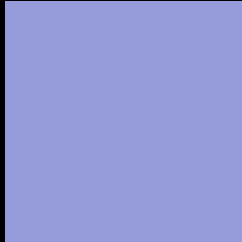
Large Text (above 18pt) WCAG AA × Fail

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 969CD9 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 969CD9 Background



This preview shows how black text looks on a background with the Hex color 969CD9.



This preview shows how white text looks on a background with the Hex color 969CD9.

# 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**  
969CD9

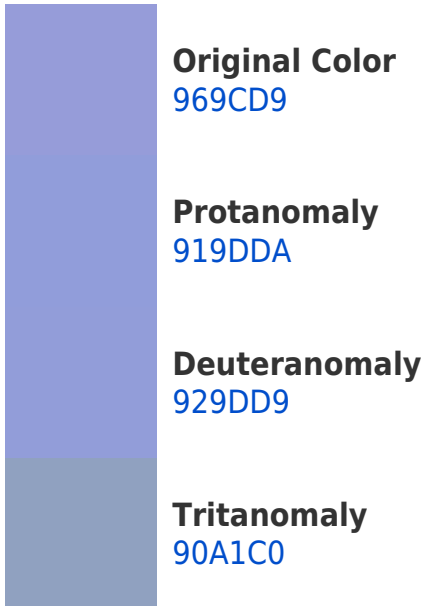
**Protanopia**  
8E9EDB

**Deuteranopia**  
909ED9

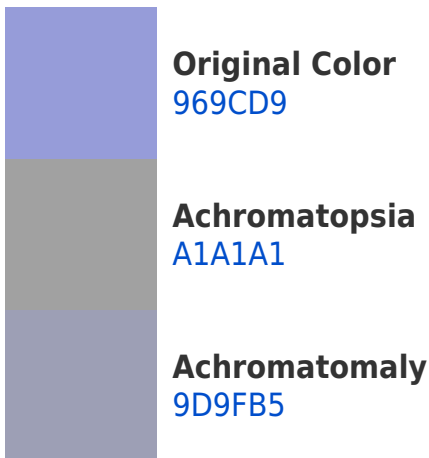


**Tritanopia**  
8DA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 969CD9 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 #969CD9 looks like.

```
.text, #text, p{  
    color:#969CD9  
}
```

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 #969CD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #969CD9
}
```

## Border

The CSS property to change the border of an element to Hex 969CD9 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
#969CD9 }
```

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

```
.border{ border-color:#969CD9 }
```

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

Here you see how a box with a 4 pixel #969CD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #969CD9; -webkit-box-shadow:4px 4px  
4px 4px #969CD9; box-shadow:4px 4px 4px  
4px #969CD9 }
```

# Background

The CSS property to change the background color of an element to Hex 969CD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#969CD9 }
```

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

```
.background{ background-color:#969CD9 }
```

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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