

# Converting Colors

Hex(969CB6)

Have a look what the booklet for  
Hex(969CB6) contains.

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# **Color**

**Hex(969CB6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	969CB6
RGB	150, 156, 182
RGB Percent	59%, 61%, 71%
CMY	0.4118, 0.3882, 0.2863
CMYK	0.18, 0.14, 0.00, 0.29
HSL	229°, 18%, 65%
HSV	229°, 18%, 71%
XYZ	32.9096, 33.6384, 49.0143
YIQ	157.1700, -11.9220, 6.8140

# Conversions

## Conversions Part 2

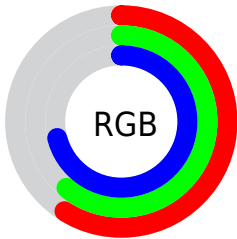
Format	Color
<a href="#">RYB</a>	<a href="#">150, 155, 182</a>
Decimal	<a href="#">9870518</a>
CIELab	<a href="#">64.67, 3.37, -14.19</a>
CIELCh	<a href="#">65, 14.579, 283.347</a>
Yxy	<a href="#">33.6384, 0.2848, 0.2911</a>
Android (android.graphics.Color)	<a href="#">4288060598</a> ( <a href="#">0xFF969CB6</a> )
YUV	<a href="#">157.1700, 12.2412, -6.2881</a>
Hunter-Lab	<a href="#">57.9986, -0.2128, -9.5066</a>

# Details

The Hex color **969CB6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B6B096**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **CCD2EE**, and **636981** is the 20% darker color. If you saturate the color by 10%, you get **848DB6**, and if you desaturate by 10%, it is **A8ABB6**.

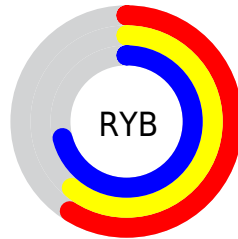
# Distribution



Red (59%)

Green (61%)

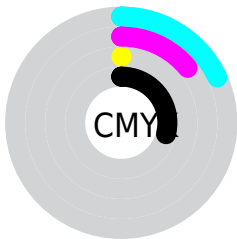
Blue (71%)



Red (59%)

Yellow (61%)

Blue (71%)

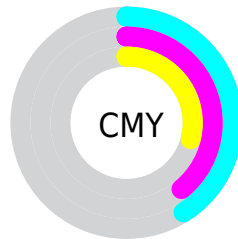


Cyan (18%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (41%)

Magenta (39%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 969CB6 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 969CB6 by changing the saturation by 10% instead.





969CB6



969CB6

FFFFFF



7C829B



CCD2EE



636981



E9EFFF



4B5168



333A50



1D2439



070F23



00000C



000000



969CB6



969CB6

848DB6

A8ABB6

727EB6

BABAB6

5F70B6

CDC8B6

4D61B6

DFD7B6

3B52B6

F1E6B6

2943B6

FFF5B6

1734B6

FFFFB6

0426B6

0022B6

# Harmonies

## Analogous

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



86A0B5



969CB6



A698B0

# Triad

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



969CB6



B7968C



84A495

# Complementary

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



969CB6



B6B096

# 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.



92A28A



969CB6



AE9A84

# Square

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



969CB6



B89497



A19E84



7CA5A2

# Rectangle

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



969CB6



AF95A9



A19E84



89A391



# Sweetspot

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



969CB6



E1E4ED



96B6B0



717278



F7F7F7



787878



# Same Dimension

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



969CB6



BBC5ED



A096B6



53545C



001D9C



00051C



# Inverse Universe

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



B6969C



EDBBC5



ACB696



5C5354



9C001D

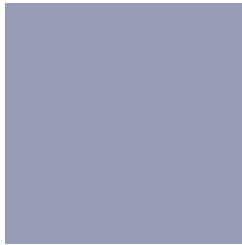


1C0005



# Previews

## White Background



This preview shows how the Hex color 969CB6 looks on a white background.

## Color Contrast Check

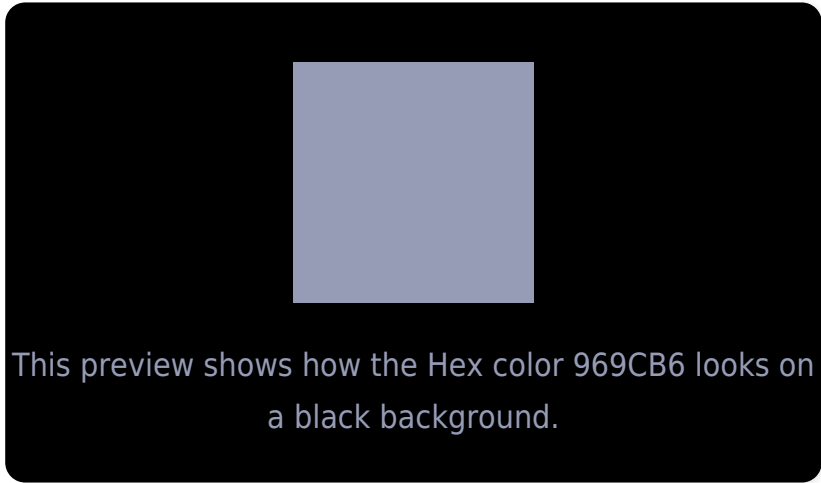
Large Text (above 18pt) WCAG AA × Fail

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

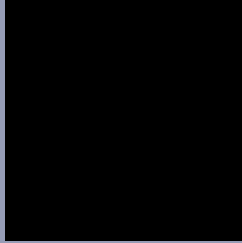
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

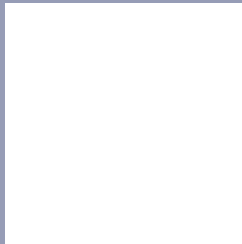
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 969CB6 Background



This preview shows how black text looks on a background with the Hex color 969CB6.



This preview shows how white text looks on a background with the Hex color 969CB6.

# 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**  
969CB6

**Protanopia**  
989BB6

**Deuteranopia**  
A099B7



# Trichromacy



**Original Color**  
969CB6

**Protanomaly**  
979BB6

**Deuteranomaly**  
9C9AB7

**Tritanomaly**  
959DAE

# Monochromacy



**Original Color**  
969CB6

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
9A9DA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 969CB6 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 #969CB6 looks like.

```
.text, #text, p{  
    color:#969CB6  
}
```

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 #969CB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #969CB6
}
```

## Border

The CSS property to change the border of an element to Hex 969CB6 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
#969CB6 }
```

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

```
.border{ border-color:#969CB6 }
```

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

Here you see how a box with a 4 pixel #969CB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #969CB6; -webkit-box-shadow:4px 4px  
4px 4px #969CB6; box-shadow:4px 4px 4px  
4px #969CB6 }
```

# Background

The CSS property to change the background color of an element to Hex 969CB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#969CB6 }
```

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

```
.background{ background-color:#969CB6 }
```

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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