

# Converting Colors

Hex(999CB2)

Have a look what the booklet for  
Hex(999CB2) contains.

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# **Color**

**Hex(999CB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	999CB2
RGB	153, 156, 178
RGB Percent	60%, 61%, 70%
CMY	0.4000, 0.3882, 0.3020
CMYK	0.14, 0.12, 0.00, 0.30
HSL	233°, 14%, 65%
HSV	233°, 14%, 70%
XYZ	33.0612, 33.7636, 46.8940
YIQ	157.6110, -8.8500, 6.2060

# Conversions

## Conversions Part 2

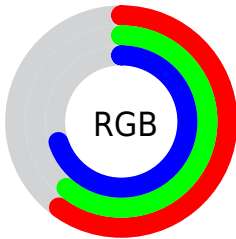
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 156, 178
Decimal	10067122
CIELab	64.77, 3.47, -11.77
CIELCh	65, 12.272, 286.439
Yxy	33.7636, 0.2907, 0.2969
Android (android.graphics.Color)	4288257202 (0xFF999CB2)
YUV	157.6110, 10.0518, -4.0438
Hunter-Lab	58.1064, -0.1239, -7.1746

# Details

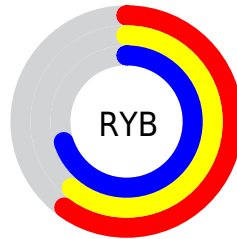
The Hex color **999CB2** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B2AF99**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **CFD2EA**, and **66697D** is the 20% darker color. If you saturate the color by 10%, you get **878CB2**, and if you desaturate by 10%, it is **ABACB2**.

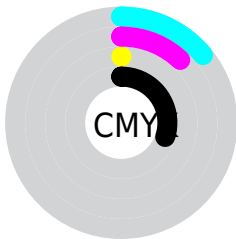
# Distribution



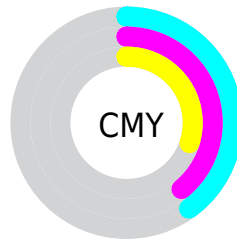
- Red (60%)
- Green (61%)
- Blue (70%)



- Red (60%)
- Yellow (61%)
- Blue (70%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (30%)



- Cyan (40%)
- Magenta (39%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999CB2 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 999CB2 by changing the saturation by 10% instead.





999CB2



999CB2

FFFFFF



7F8297



CFD2EA



66697D



ECEFFF



4E5164



373A4C



212436



0C0F20



000007



000000



999CB2



999CB2

878CB2

ABACB2

757DB2

BDBBB2

646DB2

CECBB2

525DB2

E0DBB2

404EB2

F2EAB2

2E3EB2

FFFAB2

1C2EB2

FFFFB2

0B1FB2

0015B2

# Harmonies

## Analogous

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



8CA0B2



999CB2



A798AC

# Triad

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



999CB2



B3978E



88A398

# Complementary

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



999CB2



B2AF99

# 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.



93A18E



999CB2



AB9B88

# Square

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



999CB2



B59697



A09E88



82A4A3

# Rectangle

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



999CB2



AE97A6



A09E88



8BA394

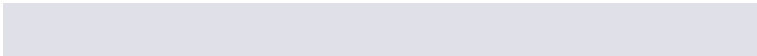


# Sweetspot

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



999CB2



DFE0E8



99B2AF



6F7075



F5F5F5



757575



# Same Dimension

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



999CB2



C1C5E8



A299B2



505159



001299



00031A



# Inverse Universe

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



B2999C



E8C1C5



A9B299



595051



990012

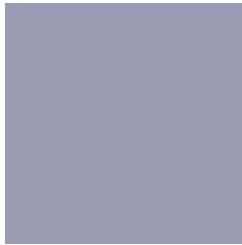


1A0003



# Previews

## White Background



This preview shows how the Hex color 999CB2 looks on a white background.

## Color Contrast Check

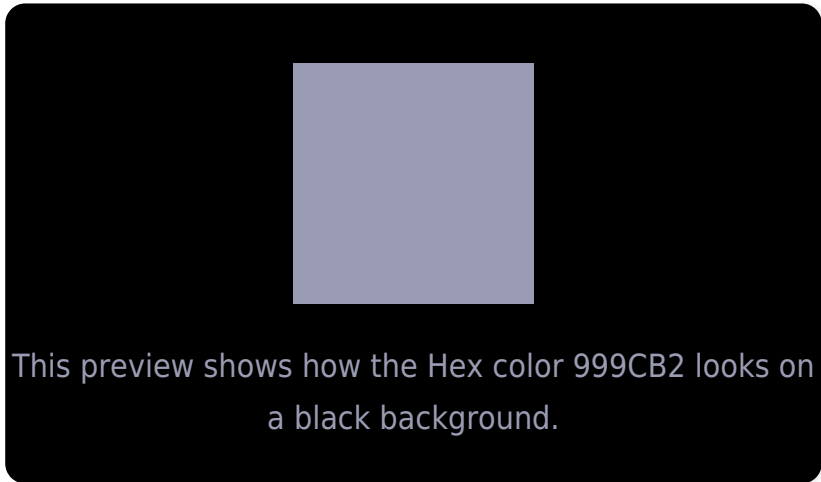
Large Text (above 18pt) WCAG AA × Fail

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

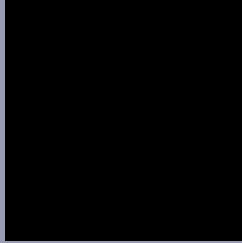
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 999CB2 Background



This preview shows how black text looks on a background with the Hex color 999CB2.



This preview shows how white text looks on a background with the Hex color 999CB2.

# 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**  
999CB2

**Protanopia**  
9A9CB2

**Deuteranopia**  
A299B3



**Tritanopia**  
989DAA

# Trichromacy



**Original Color**  
999CB2

**Protanomaly**  
9A9CB2

**Deuteranomaly**  
9F9AB3

**Tritanomaly**  
989DAD

# Monochromacy



**Original Color**  
999CB2

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
9C9DA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999CB2 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 #999CB2 looks like.

```
.text, #text, p{  
    color:#999CB2  
}
```

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 #999CB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999CB2
}
```

## Border

The CSS property to change the border of an element to Hex 999CB2 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
#999CB2 }
```

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

```
.border{ border-color:#999CB2 }
```

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

Here you see how a box with a 4 pixel #999CB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999CB2; -webkit-box-shadow:4px 4px  
4px 4px #999CB2; box-shadow:4px 4px 4px  
4px #999CB2 }
```

# Background

The CSS property to change the background color of an element to Hex 999CB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999CB2 }
```

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

```
.background{ background-color:#999CB2 }
```

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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