

# Converting Colors

Hex(999CB5)

Have a look what the booklet for  
Hex(999CB5) contains.

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# **Color**

**Hex(999CB5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	999CB5
RGB	153, 156, 181
RGB Percent	60%, 61%, 71%
CMY	0.4000, 0.3882, 0.2902
CMYK	0.15, 0.14, 0.00, 0.29
HSL	234°, 16%, 65%
HSV	234°, 15%, 71%
XYZ	33.3658, 33.8854, 48.4980
YIQ	157.9530, -9.8130, 7.1390

# Conversions

## Conversions Part 2

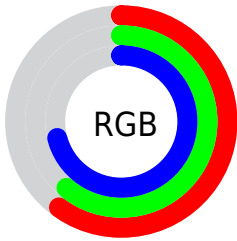
Format	Color
<a href="#">RYB</a>	<a href="#">153, 156, 181</a>
Decimal	<a href="#">10067125</a>
CIELab	<a href="#">64.87, 4.13, -13.31</a>
CIELCh	<a href="#">65, 13.932, 287.249</a>
Yxy	<a href="#">33.8854, 0.2883, 0.2927</a>
Android (android.graphics.Color)	<a href="#">4288257205</a> ( <a href="#">0xFF999CB5</a> )
YUV	<a href="#">157.9530, 11.3622, -4.3438</a>
Hunter-Lab	<a href="#">58.2112, 0.4441, -8.6490</a>

# Details

The Hex color **999CB5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B5B299**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D0D2ED**, and **666980** is the 20% darker color. If you saturate the color by 10%, you get **878CB5**, and if you desaturate by 10%, it is **ABACB5**.

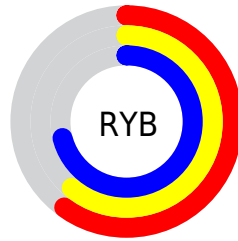
# Distribution



Red (60%)

Green (61%)

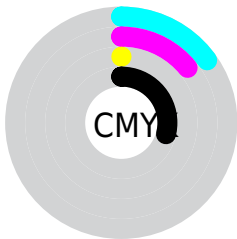
Blue (71%)



Red (60%)

Yellow (61%)

Blue (71%)

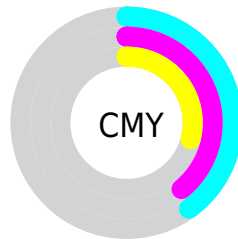


Cyan (15%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (40%)

Magenta (39%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999CB5 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 999CB5 by changing the saturation by 10% instead.





999CB5



999CB5

FFFFFF



7F829A



D0D2ED



666980



ECEFFF



4D5167



363A4F



202438



0B0F23



00000B



000000



999CB5



999CB5

878CB5

ABACB5

757CB5

BDBC B5

636CB5

CFCCB5

515BB5

E1DDB5

3E4BB5

F4EDB5

2C3BB5

FFFDB5

1A2BB5

FFFFB5

081BB5

0013B5

# Harmonies

## Analogous

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



8AA0B5



999CB5



A898AE

# Triad

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



999CB5



B5978C



85A497

# Complementary

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



999CB5



B5B299

# 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.



91A28C



999CB5



AD9B85

# Square

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



999CB5



B89597



A09F86



7EA5A4

# Rectangle

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



999CB5



B096A7



A09F86



88A493



# Sweetspot

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



999CB5



DFE0EB



99B5B2



6E6F75



F5F5F5



757575



# Same Dimension

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



999CB5



BEC3EB



A499B5



505159



001099



00031A



# Inverse Universe

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



B5999C



EBBEC3



AAB599



595051



990010

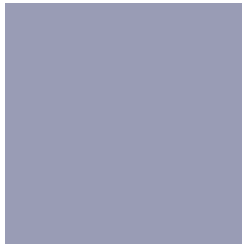


1A0003



# Previews

## White Background



This preview shows how the Hex color 999CB5 looks on a white background.

## Color Contrast Check

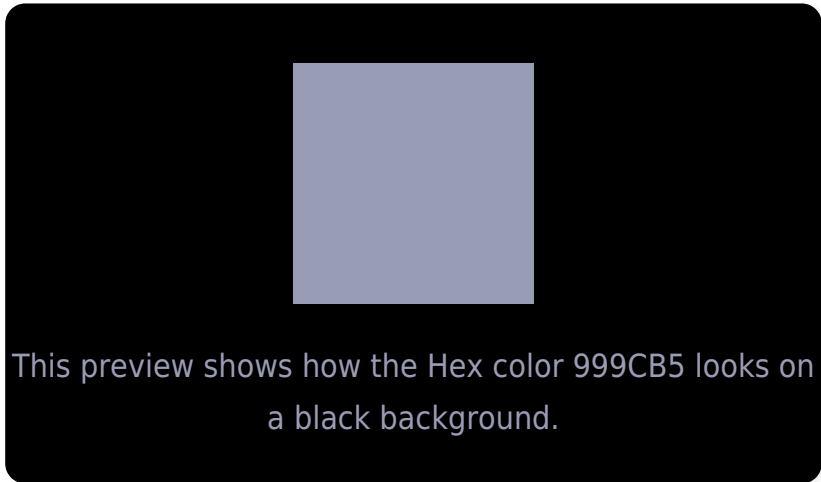
Large Text (above 18pt) WCAG AA × Fail

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

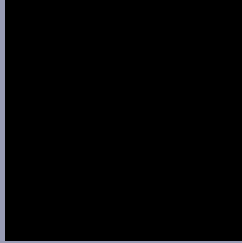
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 999CB5 Background



This preview shows how black text looks on a background with the Hex color 999CB5.



This preview shows how white text looks on a background with the Hex color 999CB5.

# 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**  
999CB5

**Protanopia**  
999CB5

**Deuteranopia**  
A199B6



# Trichromacy



**Original Color**  
999CB5

**Protanomaly**  
999CB5

**Deuteranomaly**  
9E9AB6

**Tritanomaly**  
989DAE

# Monochromacy



**Original Color**  
999CB5

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
9C9DA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999CB5 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 #999CB5 looks like.

```
.text, #text, p{  
    color:#999CB5  
}
```

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 #999CB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999CB5  
}
```

## Border

The CSS property to change the border of an element to Hex 999CB5 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  
#999CB5 }
```

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

```
.border{ border-color:#999CB5 }
```

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

Here you see how a box with a 4 pixel #999CB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999CB5; -webkit-box-shadow:4px 4px  
4px 4px #999CB5; box-shadow:4px 4px 4px  
4px #999CB5 }
```

# Background

The CSS property to change the background color of an element to Hex 999CB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999CB5 }
```

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

```
.background{ background-color:#999CB5 }
```

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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