

# Converting Colors

Hex(999BD7)

Have a look what the booklet for  
Hex(999BD7) contains.

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# **Color**

**Hex(999BD7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	999BD7
RGB	153, 155, 215
RGB Percent	60%, 61%, 84%
CMY	0.4000, 0.3922, 0.1569
CMYK	0.29, 0.28, 0.00, 0.16
HSL	238°, 44%, 72%
HSV	238°, 29%, 84%
XYZ	37.1240, 35.1213, 69.1124
YIQ	161.2420, -20.4520, 18.2360

# Conversions

## Conversions Part 2

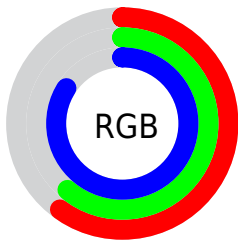
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 155, 215
Decimal	10066903
CIELab	65.84, 12.72, -30.77
CIELCh	66, 33.297, 292.455
Yxy	35.1213, 0.2626, 0.2485
Android (android.graphics.Color)	4288256983 (0xFF999BD7)
YUV	161.2420, 26.5027, -7.2282
Hunter-Lab	59.2632, 8.1062, -27.6594

# Details

The Hex color **999BD7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D7D599**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D1D1FF**, and **6468A0** is the 20% darker color. If you saturate the color by 10%, you get **8486D7**, and if you desaturate by 10%, it is **AFB0D7**.

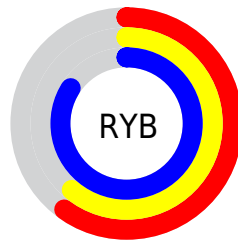
# Distribution



Red (60%)

Green (61%)

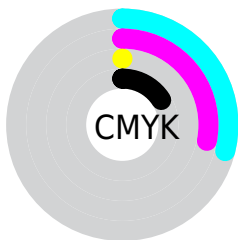
Blue (84%)



Red (60%)

Yellow (61%)

Blue (84%)

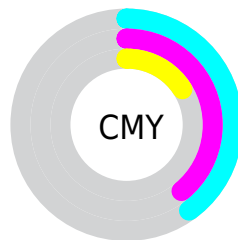


Cyan (29%)

Magenta (28%)

Yellow (0%)

Black (16%)



Cyan (40%)

Magenta (39%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999BD7 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 999BD7 by changing the saturation by 10% instead.



■ 999BD7

■ 999BD7

FFFFFF

■ 7E81BB

■ D1D1FF

■ 6468A0

■ EDEEFF

■ 4B5086

■ 31396C

■ 172454

■ 000F3C

■ 000226

■ 00010F

■ 000000

999BD7

999BD7

8486D7

AFB0D7

6E71D7

C4C5D7

585DD7

DAD9D7

4348D7

EFEED7

2D33D7

FFFFD7

181ED7

0209D7

0007D7

# Harmonies

## Analogous

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



6AA5DB



999BD7



BF90C5

# Triad

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



999BD7



D19172



56B097

# Complementary

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



999BD7



D7D599

# 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.



7BAC7B



999BD7



BB9C65

# Square

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



999BD7



DB8A8B



9DA568



35B0B6

# Rectangle

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



999BD7



CF8BB3



9DA568



62AF8D



# Sweetspot

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



999BD7



E8E9FF



99D7D5



717280



000000



808080



# Same Dimension

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



999BD7



A6A9FF



B699D7



60616B



0006AB



00012B



# Inverse Universe

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



D7999B



FFA6A9



BAD799



6B6061



AB0006



2B0001



# Previews

## White Background



This preview shows how the Hex color 999BD7 looks on a white background.

## Color Contrast Check

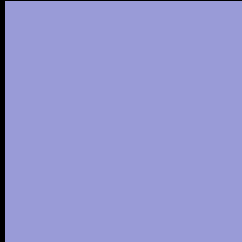
Large Text (above 18pt) WCAG AA × Fail

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 999BD7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

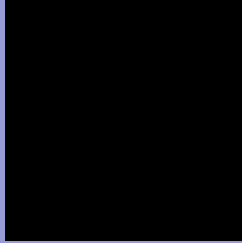
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 999BD7 Background



This preview shows how black text looks on a background with the Hex color 999BD7.

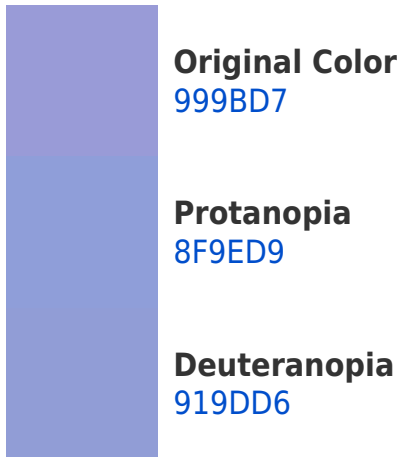


This preview shows how white text looks on a background with the Hex color 999BD7.

# 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](#).

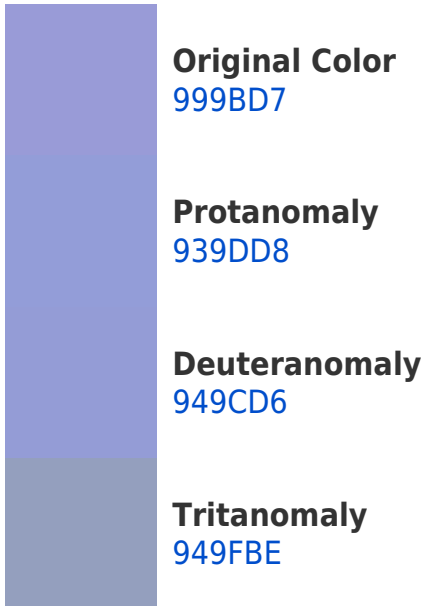
## Dichromacy



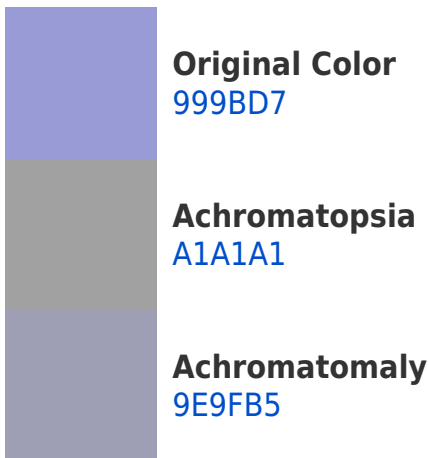


**Tritanopia**  
91A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999BD7 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 #999BD7 looks like.

```
.text, #text, p{  
    color:#999BD7  
}
```

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 #999BD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999BD7
}
```

## Border

The CSS property to change the border of an element to Hex 999BD7 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
#999BD7 }
```

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

```
.border{ border-color:#999BD7 }
```

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

Here you see how a box with a 4 pixel #999BD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999BD7; -webkit-box-shadow:4px 4px  
4px 4px #999BD7; box-shadow:4px 4px 4px  
4px #999BD7 }
```

# Background

The CSS property to change the background color of an element to Hex 999BD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999BD7 }
```

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

```
.background{ background-color:#999BD7 }
```

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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