

# Converting Colors

Hex(9983D9)

Have a look what the booklet for  
Hex(9983D9) contains.

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# **Color**

**Hex(9983D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9983D9
RGB	153, 131, 217
RGB Percent	60%, 51%, 85%
CMY	0.4000, 0.4863, 0.1490
CMYK	0.29, 0.40, 0.00, 0.15
HSL	255°, 53%, 68%
HSV	255°, 40%, 85%
XYZ	33.7776, 28.0147, 69.2727
YIQ	147.3820, -14.4940, 31.4100

# Conversions

## Conversions Part 2

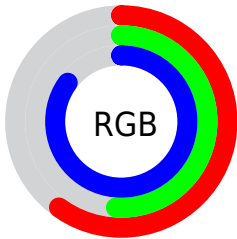
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 131, 217
Decimal	10060761
CIELab	59.90, 27.00, -41.15
CIELCh	60, 49.214, 303.268
Yxy	28.0147, 0.2577, 0.2137
Android (android.graphics.Color)	4288250841 (0xFF9983D9)
YUV	147.3820, 34.3217, 4.9270
Hunter-Lab	52.9289, 21.2876, -40.5479

# Details

The Hex color **9983D9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **C3D983**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D1B8FF**, and **6351A2** is the 20% darker color. If you saturate the color by 10%, you get **896DD9**, and if you desaturate by 10%, it is **A999D9**.

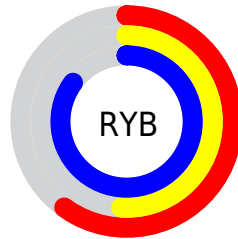
# Distribution



Red (60%)

Green (51%)

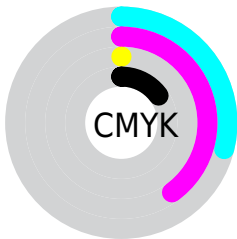
Blue (85%)



Red (60%)

Yellow (51%)

Blue (85%)

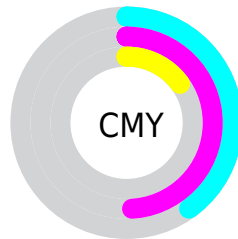


Cyan (29%)

Magenta (40%)

Yellow (0%)

Black (15%)



Cyan (40%)

Magenta (49%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9983D9 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 9983D9 by changing the saturation by 10% instead.



 9983D9

 9983D9

FFFFFF

 7E6ABD

 D1B8FF

 6351A2

 EED4FF

 493A87

 FFF0FF

 2F246D

 110F55

 00003D

 000326

 00010F

 000000

9983D9

9983D9

896DD9

A999D9

7958D9

B9AED9

6942D9

C9C4D9

582CD9

DADAD9

4816D9

EAEFD9

3801D9

FAFFD9

3800D9

FFFFD9

# Harmonies

## Analogous

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



4593E7



9983D9



C972B8

# Triad

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



9983D9



C88043



00A694

# Complementary

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



9983D9



C3D983

# 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.



3AA368



9983D9



A49035

# Square

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



9983D9



DD7163



789C44



00A5BF

# Rectangle

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



9983D9



DB6B9C



789C44



00A585



# Sweetspot

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



9983D9



E8E0FF



83C3D9



726E80



000000



808080



# Same Dimension

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



9983D9



A485FF



C383D9



65636E



2C00AD



0C002E



# Inverse Universe

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



D983C3



FF85E0



99D983



6E636B



AD0081

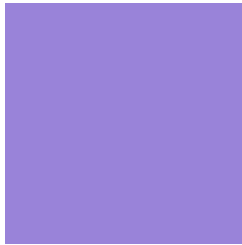


2E0022



# Previews

## White Background



This preview shows how the Hex color 9983D9 looks on a white background.

## Color Contrast Check

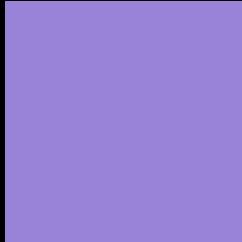
Large Text (above 18pt) WCAG AA ✓ Pass

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 9983D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

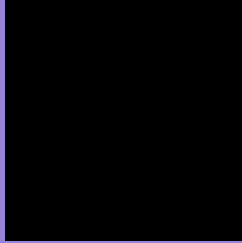
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9983D9 Background



This preview shows how black text looks on a background with the Hex color 9983D9.

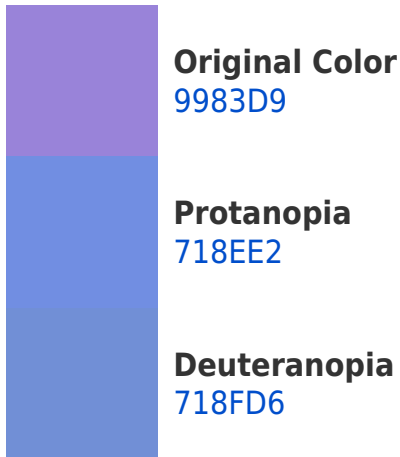


This preview shows how white text looks on a background with the Hex color 9983D9.

# 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](#).

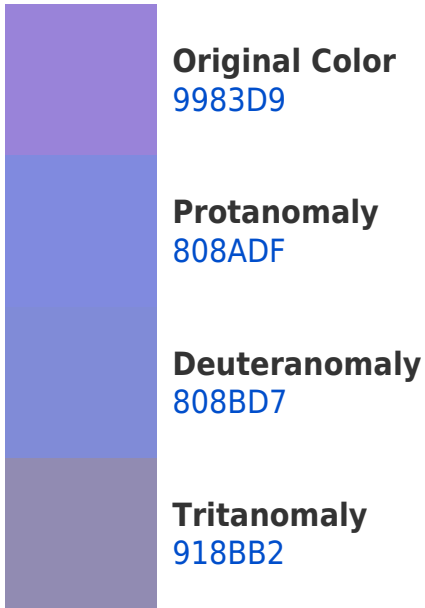
## Dichromacy



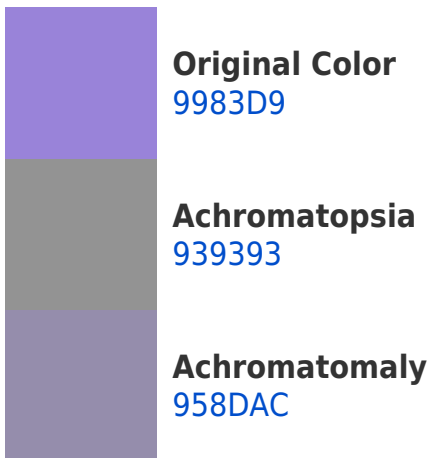


**Tritanopia**  
8D909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9983D9 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 #9983D9 looks like.

```
.text, #text, p{  
    color:#9983D9  
}
```

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 #9983D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9983D9
}
```

## Border

The CSS property to change the border of an element to Hex 9983D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

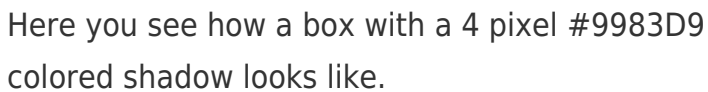
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9983D9 }
```

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

```
.border{ border-color:#9983D9 }
```

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



Here you see how a box with a 4 pixel #9983D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9983D9; -webkit-box-shadow:4px 4px  
4px 4px #9983D9; box-shadow:4px 4px 4px  
4px #9983D9 }
```

# Background

The CSS property to change the background color of an element to Hex 9983D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9983D9 }
```

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

```
.background{ background-color:#9983D9 }
```

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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