

# Converting Colors

Hex(9992D6)

Have a look what the booklet for  
Hex(9992D6) contains.

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# **Color**

**Hex(9992D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9992D6
RGB	153, 146, 214
RGB Percent	60%, 57%, 84%
CMY	0.4000, 0.4275, 0.1608
CMYK	0.29, 0.32, 0.00, 0.16
HSL	246°, 45%, 71%
HSV	246°, 32%, 84%
XYZ	35.5534, 32.1851, 67.9568
YIQ	155.8450, -17.6560, 22.6320

# Conversions

## Conversions Part 2

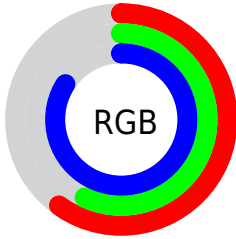
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	153, 146, 214
Decimal	10064598
CIE Lab	63.50, 17.61, -33.86
CIE LCh	63, 38.162, 297.478
Yxy	32.1851, 0.2620, 0.2372
Android (android.graphics.Color)	4288254678 (0xFF9992D6)
YUV	155.8450, 28.6704, -2.4951
Hunter-Lab	56.7319, 12.5834, -31.3087

# Details

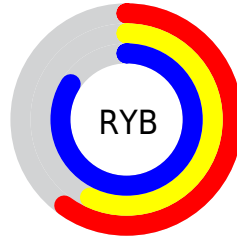
The Hex color **9992D6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFD692**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D1C8FF**, and **64609F** is the 20% darker color. If you saturate the color by 10%, you get **867DD6**, and if you desaturate by 10%, it is **ACA7D6**.

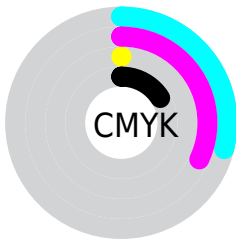
# Distribution



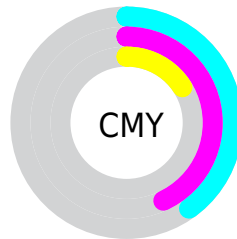
- Red (60%)
- Green (57%)
- Blue (84%)



- Red (60%)
- Yellow (57%)
- Blue (84%)



- Cyan (29%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)



- Cyan (40%)
- Magenta (43%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9992D6 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 9992D6 by changing the saturation by 10% instead.



■ 9992D6

■ 9992D6

FFFFFF

■ 7E78BA

■ D1C8FF

■ 64609F

■ EDE4FF

■ 4A4885

■ 31316B

■ 161C52

■ 00043B

■ 000225

■ 00010D

■ 000000

 9992D6

 9992D6

 867DD6

 ACA7D6

 7367D6

 BFBDD6

 5F52D6

 D3D2D6

 4C3CD6

 E6E8D6

 3927D6

 F9FDD6

 2612D6

 FFFFD6

 1600D6

# Harmonies

## Analogous

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



609EDD



9992D6



C286BF

# Triad

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



9992D6



CD8B61



33AB96

# Complementary

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



9992D6



CFD692

# 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.



67A874



9992D6



B29755

# Square

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



9992D6



DB817C



90A15C



00ABB8

# Rectangle

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



9992D6



D380A9



90A15C



47AB8A



# Sweetspot

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



9992D6



E8E6FF



92CFD6



727080



000000



808080



# Same Dimension

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



9992D6



A89EFF



BB92D6



61606B



1200AB



04002B



# Inverse Universe

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



D692CF



FF9EF5



ADD692



6B606A



AB0099

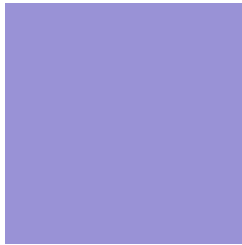


2B0027



# Previews

## White Background



This preview shows how the Hex color 9992D6 looks on a white background.

## Color Contrast Check

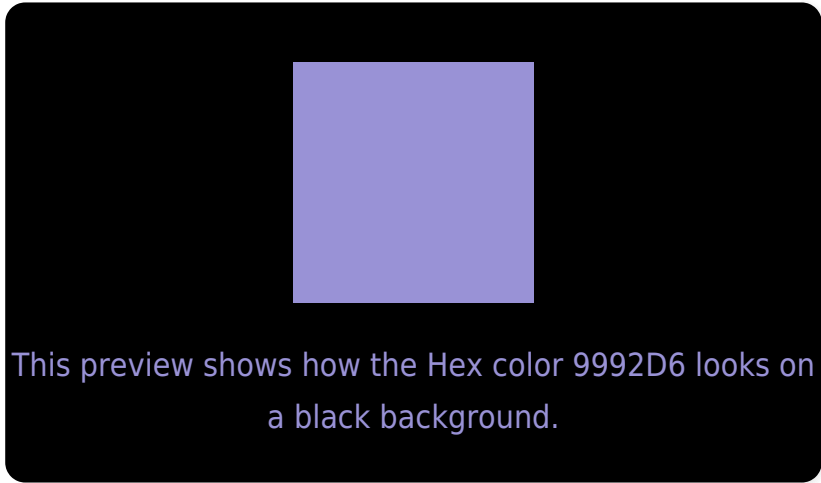
Large Text (above 18pt) WCAG AA × Fail

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 9992D6 Background



This preview shows how black text looks on a background with the Hex color 9992D6.

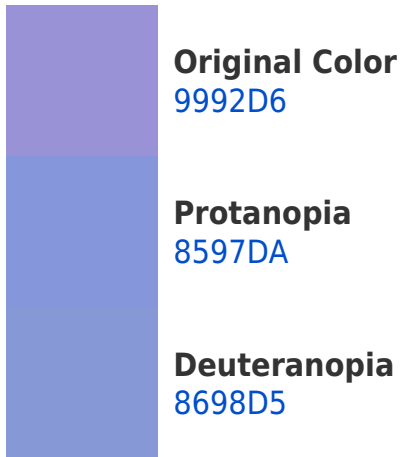


This preview shows how white text looks on a background with the Hex color 9992D6.

# 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](#).

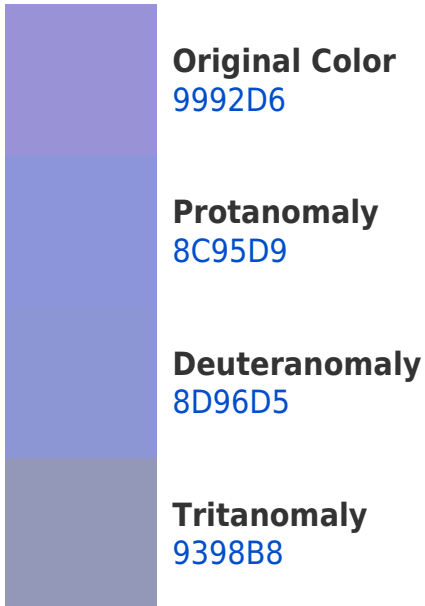
## Dichromacy



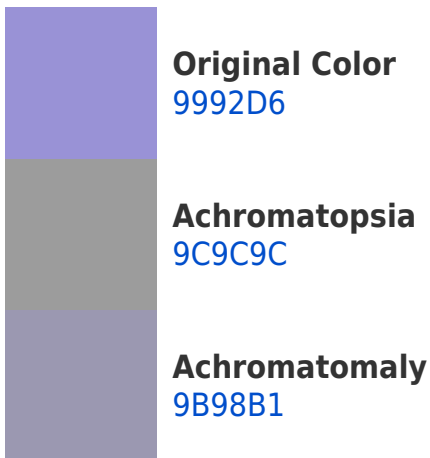


**Tritanopia**  
909BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9992D6 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 #9992D6 looks like.

```
.text, #text, p{  
    color:#9992D6  
}
```

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 #9992D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9992D6
}
```

## Border

The CSS property to change the border of an element to Hex 9992D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

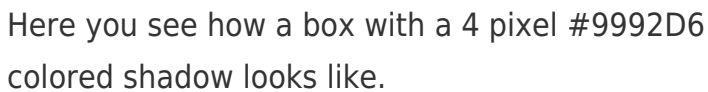
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9992D6 }
```

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

```
.border{ border-color:#9992D6 }
```

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



Here you see how a box with a 4 pixel #9992D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9992D6; -webkit-box-shadow:4px 4px  
4px 4px #9992D6; box-shadow:4px 4px 4px  
4px #9992D6 }
```

# Background

The CSS property to change the background color of an element to Hex 9992D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9992D6 }
```

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

```
.background{ background-color:#9992D6 }
```

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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