

# Converting Colors

Hex(9804D1)

Have a look what the booklet for  
Hex(9804D1) contains.

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**Color**

**Hex(9804D1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9804D1
RGB	152, 4, 209
RGB Percent	60%, 2%, 82%
CMY	0.4039, 0.9843, 0.1804
CMYK	0.27, 0.98, 0.00, 0.18
HSL	283°, 96%, 42%
HSV	283°, 98%, 82%
XYZ	24.5009, 11.3657, 61.2241
YIQ	71.6220, 22.4030, 95.1310

# Conversions

## Conversions Part 2

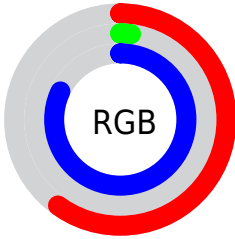
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 4, 209
Decimal	9962705
CIE <sub>Lab</sub>	40.19, 76.02, -68.20
CIE <sub>LCh</sub>	40, 102.124, 318.103
Yxy	11.3657, 0.2524, 0.1171
Android (android.graphics.Color)	4288152785 (0xFF9804D1)
YUV	71.6220, 67.7274, 70.4915
Hunter-Lab	33.7130, 70.7270, -84.0736

# Details

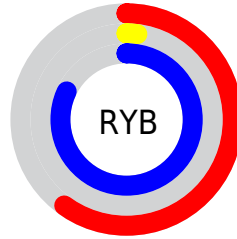
The Hex color **9804D1** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **3DD104**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D454FF**, and **5D0099** is the 20% darker color. If you saturate the color by 10%, you get **9700D1**, and if you desaturate by 10%, it is **9E19D1**.

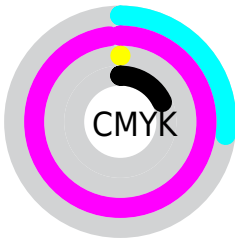
# Distribution



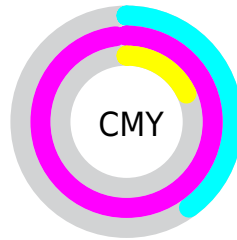
- Red (60%)
- Green (2%)
- Blue (82%)



- Red (60%)
- Yellow (2%)
- Blue (82%)



- Cyan (27%)
- Magenta (98%)
- Yellow (0%)
- Black (18%)



- Cyan (40%)
- Magenta (98%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9804D1 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 9804D1 by changing the saturation by 10% instead.



 9804D1

 9804D1

FFFFFF

 7B00B5

 D454FF

 5D0099

 F271FF

 3F007E

 FF8EFF

 220065

 FFABFF

 00004B

 FFC8FF

 000433

 FFE6FF

 00021D

 000000

 9804D1

 9804D1

9700D1

9E19D1

A42ED1

A943D1

AF58D1

B56CD1

BB81D1

C196D1

C6ABD1

CCC0D1

# Harmonies

## Analogous

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



005AFF



9804D1



DA0084

# Triad

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



9804D1



8F4F00



007C91

# Complementary

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



9804D1



3DD104

# 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.



007A39



9804D1



426A00

# Square

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



9804D1



C60000



007500



007DDD

# Rectangle

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



9804D1



E5004D



007500



007C74



# Sweetspot

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



9804D1



EAB5FF



043ED1



735380



000000



808080



# Same Dimension

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



9804D1



B800FF



D104A5



665E69



7A00A8



1D0029



# Inverse Universe

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



D1043D



FF0047



04D130



695E61



A8002F



29000B



# Previews

## White Background



This preview shows how the Hex color 9804D1 looks on a white background.

## Color Contrast Check

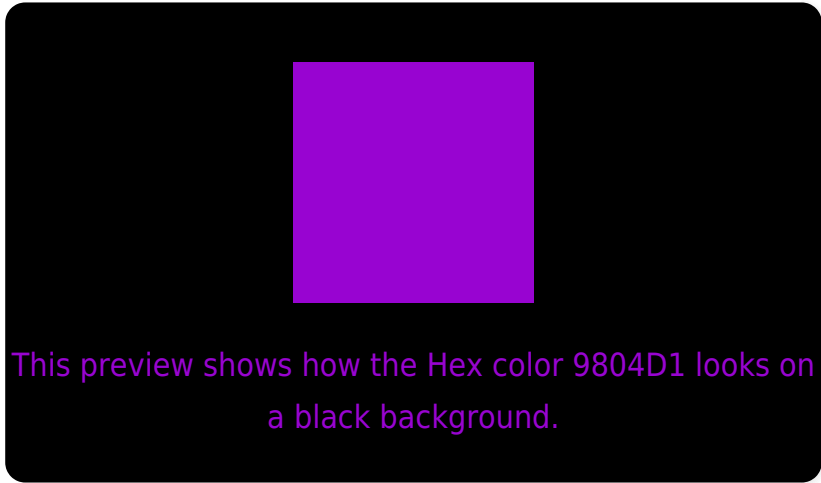
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

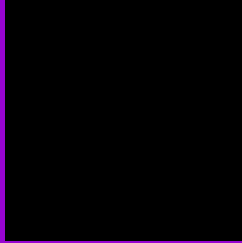
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9804D1 Background



This preview shows how black text looks on a background with the Hex color 9804D1.

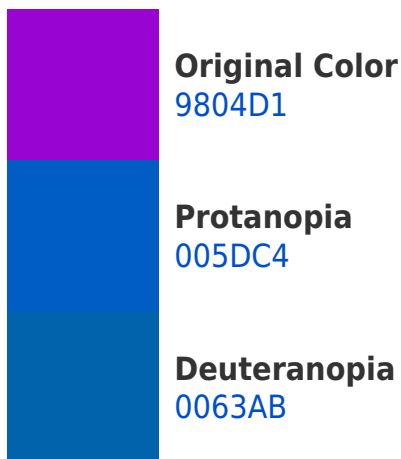



This preview shows how white text looks on a background with the Hex color 9804D1.

# 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**  
845258

# Trichromacy



**Original Color**  
9804D1



**Protanomaly**  
373DC9



**Deuteranomaly**  
3740B9



**Tritanomaly**  
8B3684

# Monochromacy



**Original Color**  
9804D1



**Achromatopsia**  
484848



**Achromatomaly**  
652F7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9804D1 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 #9804D1 looks like.

```
.text, #text, p{  
    color:#9804D1  
}
```

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 #9804D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9804D1
}
```

## Border

The CSS property to change the border of an element to Hex 9804D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

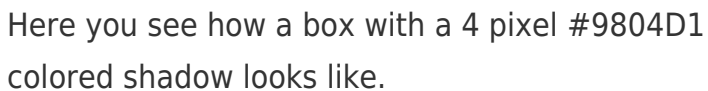
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9804D1 }
```

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

```
.border{ border-color:#9804D1 }
```

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



Here you see how a box with a 4 pixel #9804D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9804D1; -webkit-box-shadow:4px 4px  
4px 4px #9804D1; box-shadow:4px 4px 4px  
4px #9804D1 }
```

# Background

The CSS property to change the background color of an element to Hex 9804D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9804D1 }
```

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

```
.background{ background-color:#9804D1 }
```

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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