

# Converting Colors

Hex(9794DD)

Have a look what the booklet for  
Hex(9794DD) contains.

<b>Hex(9794DD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9794DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9794DD
RGB	151, 148, 221
RGB Percent	59%, 58%, 87%
CMY	0.4078, 0.4196, 0.1333
CMYK	0.32, 0.33, 0.00, 0.13
HSL	242°, 52%, 72%
HSV	242°, 33%, 87%
XYZ	36.4035, 32.9796, 72.8536
YIQ	157.2190, -21.6450, 23.3390

# Conversions

## Conversions Part 2

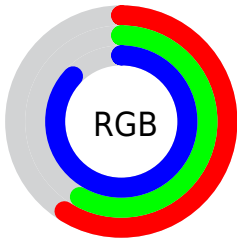
Format	Color
<a href="#">RYB</a>	<a href="#">151, 148, 221</a>
Decimal	<a href="#">9934045</a>
CIELab	<a href="#">64.14, 17.66, -36.75</a>
CIELCh	<a href="#">64, 40.772, 295.668</a>
Yxy	<a href="#">32.9796, 0.2559, 0.2319</a>
Android (android.graphics.Color)	<a href="#">4288124125 (0xFF9794DD)</a>
YUV	<a href="#">157.2190, 31.4440, -5.4541</a>
Hunter-Lab	<a href="#">57.4278, 12.6525, -35.0165</a>

# Details

The Hex color **9794DD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DADD94**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **CFCAFF**, and **6261A6** is the 20% darker color. If you saturate the color by 10%, you get **827EDD**, and if you desaturate by 10%, it is **ACAADD**.

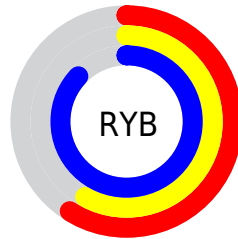
# Distribution



Red (59%)

Green (58%)

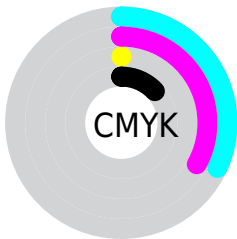
Blue (87%)



Red (59%)

Yellow (58%)

Blue (87%)

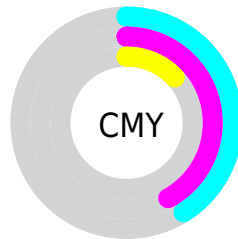


Cyan (32%)

Magenta (33%)

Yellow (0%)

Black (13%)



Cyan (41%)

Magenta (42%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9794DD 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 9794DD by changing the saturation by 10% instead.



■ 9794DD

■ 9794DD

FFFFFF

■ 7C7AC1

■ CFCAFF

■ 6261A6

■ ECE6FF

■ 474A8B

■ 2D3371

■ 0F1E58

■ 000741

■ 00032A

■ 000114

■ 000000

 9794DD

 9794DD

 827EDD

 ACAADD

 6D68DD

 C1C0DD

 5752DD

 D7D6DD

 423CDD

 ECECDD

 2D26DD

 FFFFDD

 180FDD

 0900DD

# Harmonies

## Analogous

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



56A1E4



9794DD



C487C5

# Triad

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



9794DD



D38B60



2AAE95

# Complementary

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



9794DD



DADD94

# 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.



67AA71



9794DD



B79852

# Square

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



9794DD



E1807E



93A358



00AEBA

# Rectangle

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



9794DD



D780AE



93A358



43AD88



# Sweetspot

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



9794DD



E7E6FF



94DBDD



717080



000000



808080



# Same Dimension

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



9794DD



9D99FF



BB94DD



63636E



0700AD



02002E



# Inverse Universe

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



DD94DA



FF99FB



B6DD94



6E636D



AD00A6

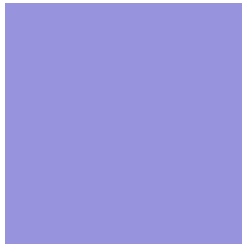


2E002C



# Previews

## White Background



This preview shows how the Hex color 9794DD looks on a white background.

## Color Contrast Check

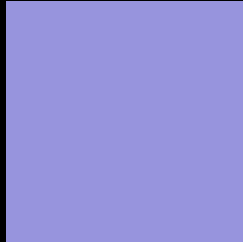
Large Text (above 18pt) WCAG AA × Fail

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 9794DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

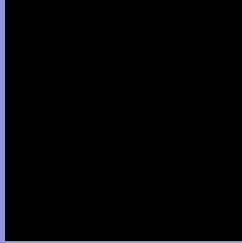
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9794DD Background



This preview shows how black text looks on a background with the Hex color 9794DD.



This preview shows how white text looks on a background with the Hex color 9794DD.

# 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](#).

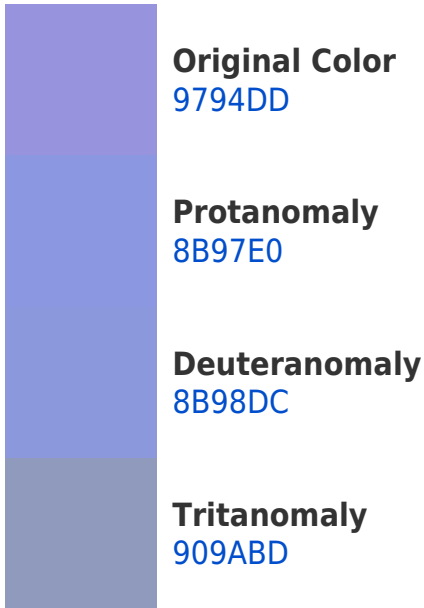
## Dichromacy



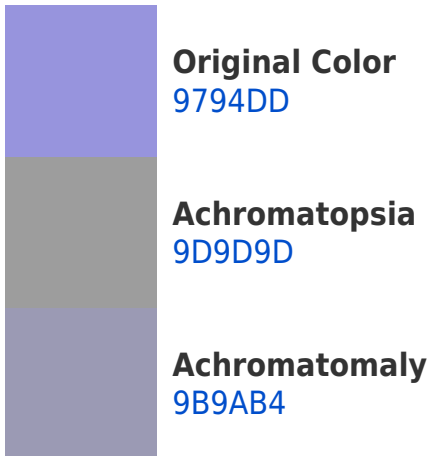


**Tritanopia**  
8C9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9794DD 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 #9794DD looks like.

```
.text, #text, p{  
    color:#9794DD  
}
```

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 #9794DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9794DD
}
```

## Border

The CSS property to change the border of an element to Hex 9794DD 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
#9794DD }
```

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

```
.border{ border-color:#9794DD }
```

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

Here you see how a box with a 4 pixel #9794DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9794DD; -webkit-box-shadow:4px 4px  
4px 4px #9794DD; box-shadow:4px 4px 4px  
4px #9794DD }
```

# Background

The CSS property to change the background color of an element to Hex 9794DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9794DD }
```

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

```
.background{ background-color:#9794DD }
```

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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