

# Converting Colors

Hex(9753D3)

Have a look what the booklet for  
Hex(9753D3) contains.

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# Color

Hex(9753D3)

# Conversions

## Conversions Part 1

Format	Color
Hex	9753D3
RGB	151, 83, 211
RGB Percent	59%, 33%, 83%
CMY	0.4078, 0.6745, 0.1725
CMYK	0.28, 0.61, 0.00, 0.17
HSL	272°, 59%, 58%
HSV	272°, 61%, 83%
XYZ	27.6136, 17.4690, 63.5445
YIQ	117.9240, -0.5600, 54.2240

# Conversions

## Conversions Part 2

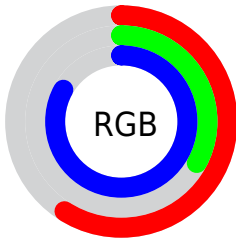
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 83, 211
Decimal	9917395
CIE <sub>Lab</sub>	48.85, 51.65, -55.33
CIE <sub>LCh</sub>	49, 75.692, 313.027
Yxy	17.4690, 0.2542, 0.1608
Android (android.graphics.Color)	4288107475 (0xFF9753D3)
YUV	117.9240, 45.8865, 29.0077
Hunter-Lab	41.7959, 44.7882, -60.8845

# Details

The Hex color **9753D3** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **8FD353**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D088FF**, and **5F1E9C** is the 20% darker color. If you saturate the color by 10%, you get **8D3ED3**, and if you desaturate by 10%, it is **A168D3**.

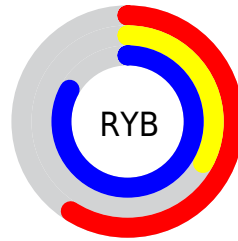
# Distribution



Red (59%)

Green (33%)

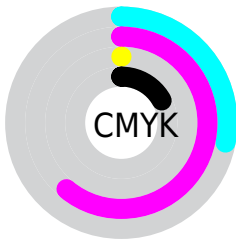
Blue (83%)



Red (59%)

Yellow (33%)

Blue (83%)

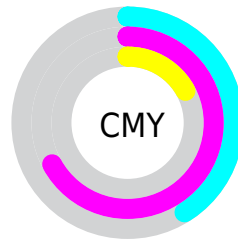


Cyan (28%)

Magenta (61%)

Yellow (0%)

Black (17%)



Cyan (41%)

Magenta (67%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9753D3 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 9753D3 by changing the saturation by 10% instead.



9753D3

9753D3

FFFFFF

7B39B7

D088FF

5F1E9C

EEA3FF

430081

FFBFFF

260067

FFDBFF

07004E

FFF8FF

000236

000220

000004

000000

9753D3

9753D3

8D3ED3

A168D3

8329D3

AB7DD3

7914D3

B592D3

7000D3

BFA7D3

C8BCD3

D2D2D3

DCE7D3

E6FCD3

F0FFD3

# Harmonies

## Analogous

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



0073F3



9753D3



D2279B

# Triad

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



9753D3



AA6300



008F8F

# Complementary

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



9753D3



8FD353

# 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.



008D4C



9753D3



747A00

# Square

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



9753D3



D2411C



1B8700



008ECB

# Rectangle

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



9753D3



E10F70



1B8700



008F79



# Sweetspot

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



9753D3



E9D1FF



5391D3



726380



000000



808080



# Same Dimension

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



9753D3



A845FF



D353D1



645E69



5900A8



160029



# Inverse Universe

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



D3538F



FF459C



53D355



695E63



A8004F

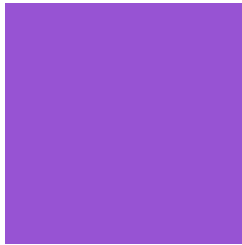


290013



# Previews

## White Background



This preview shows how the Hex color 9753D3 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

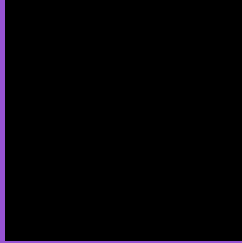
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9753D3 Background



This preview shows how black text looks on a background with the Hex color 9753D3.

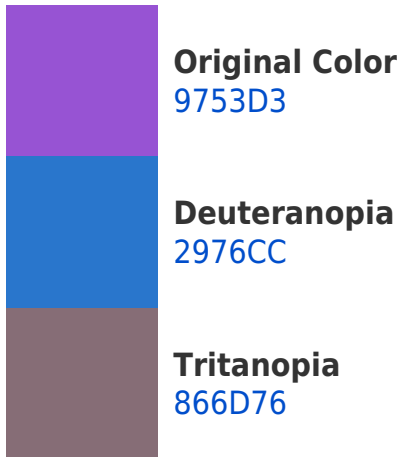


This preview shows how white text looks on a background with the Hex color 9753D3.

# 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



# Trichromacy



**Original Color**  
9753D3

**Deuteranomaly**  
5169CF

**Tritanomaly**  
8C6498

# Monochromacy



**Original Color**  
9753D3

**Achromatopsia**  
767676

**Achromatomaly**  
826998

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9753D3 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 #9753D3 looks like.

```
.text, #text, p{  
    color:#9753D3  
}
```

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 #9753D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9753D3
}
```

## Border

The CSS property to change the border of an element to Hex 9753D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

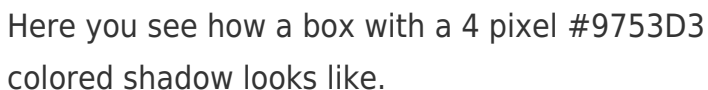
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9753D3 }
```

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

```
.border{ border-color:#9753D3 }
```

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



Here you see how a box with a 4 pixel #9753D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9753D3; -webkit-box-shadow:4px 4px  
4px 4px #9753D3; box-shadow:4px 4px 4px  
4px #9753D3 }
```

# Background

The CSS property to change the background color of an element to Hex 9753D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9753D3 }
```

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

```
.background{ background-color:#9753D3 }
```

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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