

# Converting Colors

Hex(9745DA)

Have a look what the booklet for  
Hex(9745DA) contains.

<b>Hex(9745DA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(9745DA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9745DA
RGB	151, 69, 218
RGB Percent	59%, 27%, 85%
CMY	0.4078, 0.7294, 0.1451
CMYK	0.31, 0.68, 0.00, 0.15
HSL	273°, 67%, 56%
HSV	273°, 68%, 85%
XYZ	27.5455, 15.8975, 67.9464
YIQ	110.5040, 1.0430, 63.7230

# Conversions

## Conversions Part 2

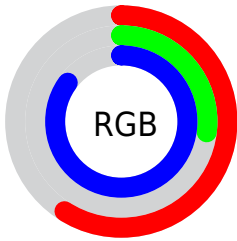
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	151, 69, 218
Decimal	9913818
CIE Lab	46.84, 60.02, -62.56
CIE LCh	47, 86.701, 313.812
Yxy	15.8975, 0.2473, 0.1427
Android (android.graphics.Color)	4288103898 (0xFF9745DA)
YUV	110.5040, 52.9955, 35.5150
Hunter-Lab	39.8717, 53.5420, -73.1275

# Details

The Hex color **9745DA** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **88DA45**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D17BFF**, and **5E03A2** is the 20% darker color. If you saturate the color by 10%, you get **8D2FDA**, and if you desaturate by 10%, it is **A15BDA**.

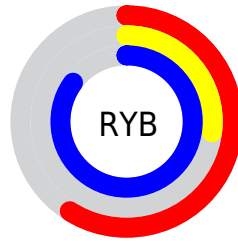
# Distribution



Red (59%)

Green (27%)

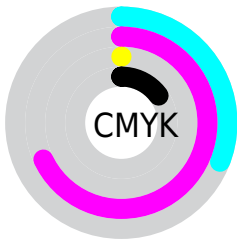
Blue (85%)



Red (59%)

Yellow (27%)

Blue (85%)

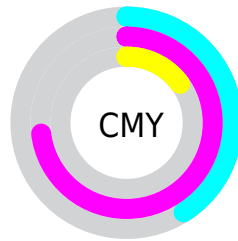


Cyan (31%)

Magenta (68%)

Yellow (0%)

Black (15%)



Cyan (41%)

Magenta (73%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9745DA 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 9745DA by changing the saturation by 10% instead.



9745DA

9745DA

FFFFFF

7A29BE

D17BFF

5E03A2

EF96FF

400087

FFB2FF

20006D

FFCFFF

000054

FFECFF

00033B

000225

00010D

000000

9745DA

9745DA

8D2FDA

A15BDA

8319DA

AB71DA

7A04DA

B486DA

7800DA

BE9CDA

C8B2DA

D2C8DA

DCDEDA

E5F3DA

EFFFDA

# Harmonies

## Analogous

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



006EFF



9745DA



D9009A

# Triad

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



9745DA



A75D00



008C90

# Complementary

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



9745DA



88DA45

# 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.



008A43



9745DA



697700

# Square

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



9745DA



D42D00



008400



008BD4

# Rectangle

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



9745DA



E80069



008400



008C77



# Sweetspot

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



9745DA



E7C9FF



4588DA



716080



000000



808080



# Same Dimension

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



9745DA



A12EFF



DA45D3



69636E



5F00AD



19002E



# Inverse Universe

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



DA4588



FF2E8C



45DA4C



6E6368



AD004E

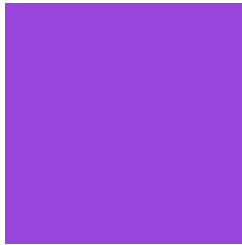


2E0015



# Previews

## White Background



This preview shows how the Hex color 9745DA looks on a white background.

## Color Contrast Check

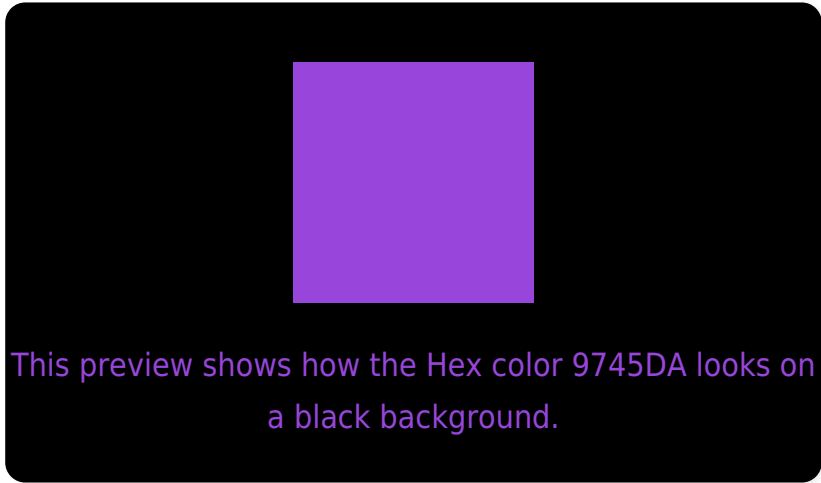
Large Text (above 18pt) WCAG AA ✓ Pass

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

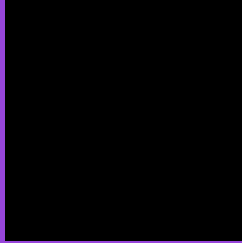
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9745DA Background



This preview shows how black text looks on a background with the Hex color 9745DA.

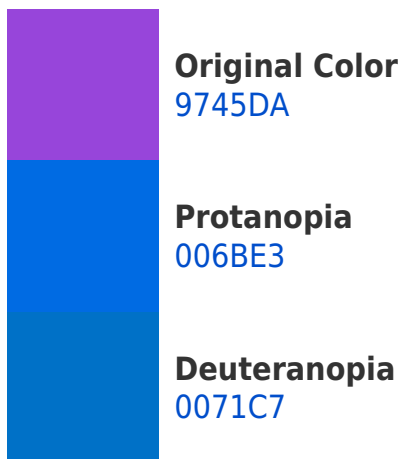



This preview shows how white text looks on a background with the Hex color 9745DA.

# 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](#).

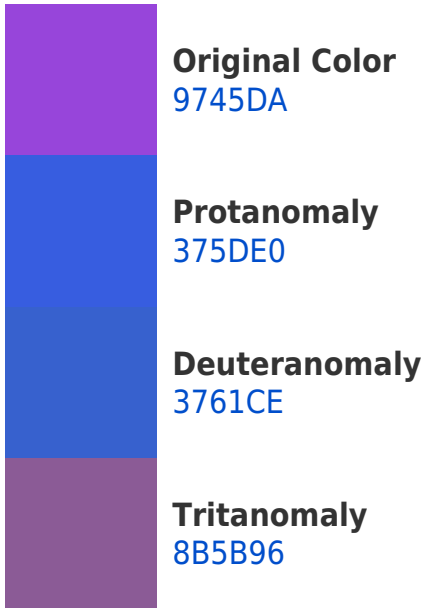
## Dichromacy



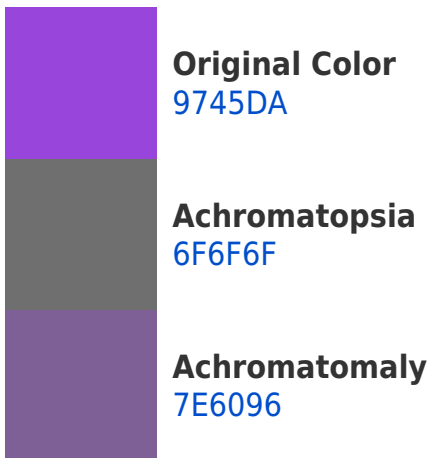


**Tritanopia**  
84676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9745DA 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 #9745DA looks like.

```
.text, #text, p{  
    color:#9745DA  
}
```

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 #9745DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9745DA
}
```

## Border

The CSS property to change the border of an element to Hex 9745DA 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
#9745DA }
```

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

```
.border{ border-color:#9745DA }
```

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

Here you see how a box with a 4 pixel #9745DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9745DA; -webkit-box-shadow:4px 4px  
4px 4px #9745DA; box-shadow:4px 4px 4px  
4px #9745DA }
```

# Background

The CSS property to change the background color of an element to Hex 9745DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9745DA }
```

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

```
.background{ background-color:#9745DA }
```

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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