

# Converting Colors

Hex(7A59D8)

Have a look what the booklet for  
Hex(7A59D8) contains.

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# Color

**Hex(7A59D8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A59D8
RGB	122, 89, 216
RGB Percent	48%, 35%, 85%
CMY	0.5216, 0.6510, 0.1529
CMYK	0.44, 0.59, 0.00, 0.15
HSL	256°, 62%, 60%
HSV	256°, 59%, 85%
XYZ	23.9931, 16.2402, 66.8358
YIQ	113.3450, -21.0990, 46.4930

# Conversions

## Conversions Part 2

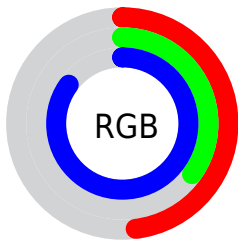
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 89, 216
Decimal	8018392
CIE <sub>Lab</sub>	47.29, 43.21, -60.86
CIE <sub>LCh</sub>	47, 74.633, 305.374
Yxy	16.2402, 0.2241, 0.1517
Android (android.graphics.Color)	4286208472 (0xFF7A59D8)
YUV	113.3450, 50.6089, 7.5904
Hunter-Lab	40.2991, 35.7509, -70.1227

# Details

The Hex color **7A59D8** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **B7D859**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B48CFF**, and **3F29A0** is the 20% darker color. If you saturate the color by 10%, you get **6A43D8**, and if you desaturate by 10%, it is **8A6FD8**.

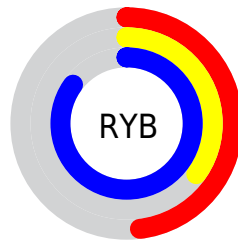
# Distribution



Red (48%)

Green (35%)

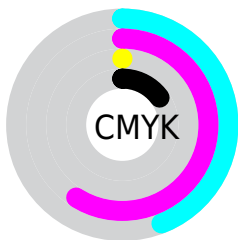
Blue (85%)



Red (48%)

Yellow (35%)

Blue (85%)

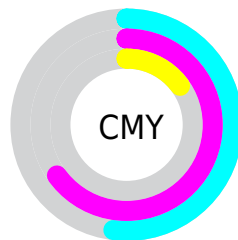


Cyan (44%)

Magenta (59%)

Yellow (0%)

Black (15%)



Cyan (52%)

Magenta (65%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A59D8 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 7A59D8 by changing the saturation by 10% instead.



7A59D8

7A59D8

FFFFFF

5D41BC

B48CFF

3F29A0

D1A7FF

1C1185

EFC3FF

00006B

FFDFFF

000052

FFFCFF

00053A

000223

00000B

000000

 7A59D8

 7A59D8

 6A43D8

 8A6FD8

 5A2ED8

 9A84D8

 4A18D8

 AA9AD8

 3A03D8

 BAAFD8

 3800D8

 CAC5D8

 DADBD8

 EAF0D8

 FAFFD8

 FFFFD8

# Harmonies

## Analogous

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



0075EF



7A59D8



C230A6

# Triad

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



7A59D8



B15800



008A7A

# Complementary

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



7A59D8



B7D859

# 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.



008737



7A59D8



7F7100

# Square

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



7A59D8



D2332B



398000



008AB8

# Rectangle

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



7A59D8



D70F7D



398000



008A64



# Sweetspot

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



7A59D8



DDD1FF



59B8D8



6B6380



000000



808080



# Same Dimension

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



7A59D8



794AFF



B859D8



63606B



2C00AB



0B002B



# Inverse Universe

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



D859B7



FF4AD0



79D859



6B6068



AB007E

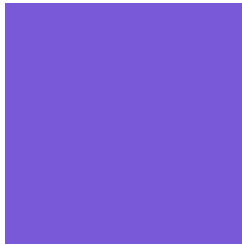


2B0020



# Previews

## White Background



This preview shows how the Hex color 7A59D8 looks on a white background.

## Color Contrast Check

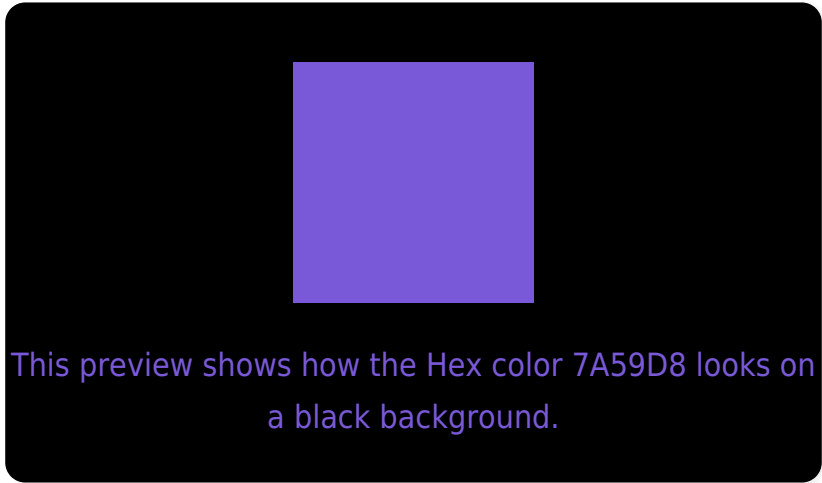
Large Text (above 18pt) WCAG AA ✓ Pass

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

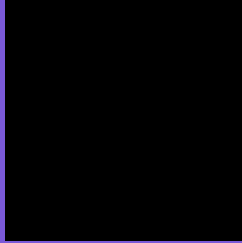
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A59D8 Background



This preview shows how black text looks on a background with the Hex color 7A59D8.



This preview shows how white text looks on a background with the Hex color 7A59D8.

# 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](#).

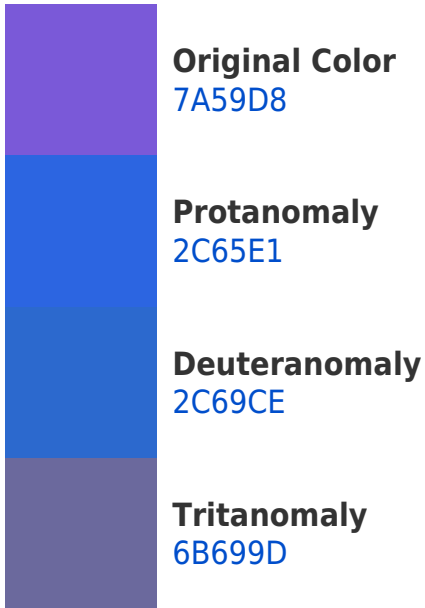
## Dichromacy





**Tritanopia**  
63727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A59D8 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 #7A59D8 looks like.

```
.text, #text, p{  
    color:#7A59D8  
}
```

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 #7A59D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A59D8
}
```

## Border

The CSS property to change the border of an element to Hex 7A59D8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

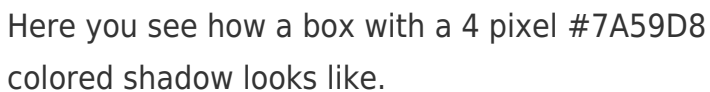
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A59D8 }
```

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

```
.border{ border-color:#7A59D8 }
```

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



Here you see how a box with a 4 pixel #7A59D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A59D8; -webkit-box-shadow:4px 4px  
4px 4px #7A59D8; box-shadow:4px 4px 4px  
4px #7A59D8 }
```

# Background

The CSS property to change the background color of an element to Hex 7A59D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A59D8 }
```

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

```
.background{ background-color:#7A59D8 }
```

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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