

# Converting Colors

Hex(7539A8)

Have a look what the booklet for  
Hex(7539A8) contains.

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# Color

**Hex(7539A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7539A8
RGB	117, 57, 168
RGB Percent	46%, 22%, 66%
CMY	0.5412, 0.7765, 0.3412
CMYK	0.30, 0.66, 0.00, 0.34
HSL	272°, 49%, 44%
HSV	272°, 66%, 66%
XYZ	15.8671, 9.5353, 38.0500
YIQ	87.5940, 0.1290, 47.2410

# Conversions

## Conversions Part 2

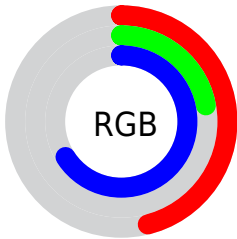
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 57, 168
Decimal	7682472
CIE <sub>Lab</sub>	37.00, 46.88, -49.50
CIE <sub>LCh</sub>	37, 68.180, 313.444
Yxy	9.5353, 0.2501, 0.1503
Android (android.graphics.Color)	4285872552 (0xFF7539A8)
YUV	87.5940, 39.6402, 25.7891
Hunter-Lab	30.8793, 37.6823, -51.4426

# Details

The Hex color **7539A8** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6CA839**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AD6CE0**, and **3F0073** is the 20% darker color. If you saturate the color by 10%, you get **6D28A8**, and if you desaturate by 10%, it is **7D4AA8**.

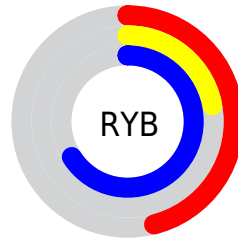
# Distribution



Red (46%)

Green (22%)

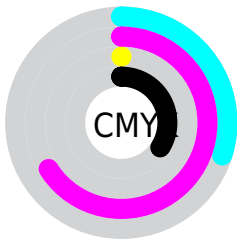
Blue (66%)



Red (46%)

Yellow (22%)

Blue (66%)

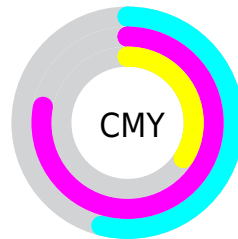


Cyan (30%)

Magenta (66%)

Yellow (0%)

Black (34%)



Cyan (54%)

Magenta (78%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7539A8 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 7539A8 by changing the saturation by 10% instead.



 7539A8

 7539A8

FFFFFF

 5A1F8D

 AD6CE0

 3F0073

 C986FD

 23005A

 E6A1FF

 050042

 FFBDFE

 00032A

 FFD9FF

 000115

 FFF6FF

 000000

 7539A8

 7539A8

 6D28A8

 7D4AA8

6617A8

845BA8

5E07A8

8C6BA8

5B00A8

947CA8

9C8DA8

A39EA8

ABAF A8

B3BFA8

BAD0A8

# Harmonies

## Analogous

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



0056C4



7539A8



A70078

# Triad

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



7539A8



834900



006E6F

# Complementary

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



7539A8



6CA839

# 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.



006C35



7539A8



555C00

# Square

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



7539A8



A52808



006700



006DA2

# Rectangle

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



7539A8



B30053



006700



006D5C



# Sweetspot

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



7539A8



C7AFDB



396DA8



62536E



EDEDED



6E6E6E



# Same Dimension

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



7539A8



8C2EDB



A839A4



504C54



500094



0B0014



# Inverse Universe

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



A8396C



DB2E7E



39A83D



544C50



940044

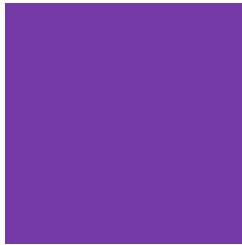


140009



# Previews

## White Background



This preview shows how the Hex color 7539A8 looks on a white background.

## Color Contrast Check

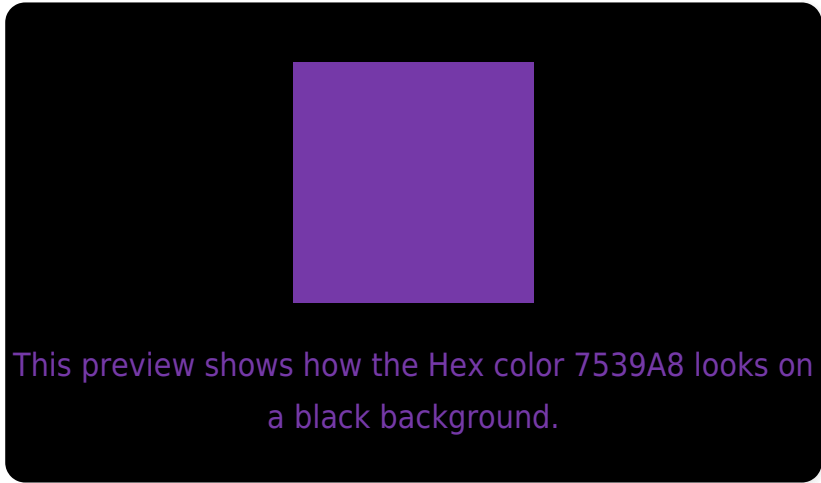
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

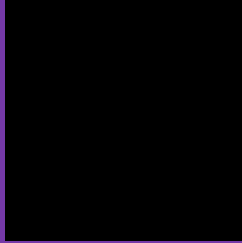
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7539A8 Background



This preview shows how black text looks on a background with the Hex color 7539A8.

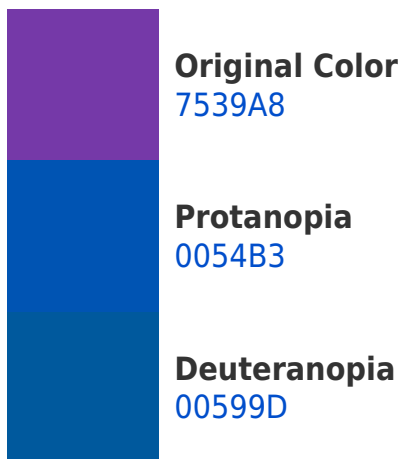



This preview shows how white text looks on a background with the Hex color 7539A8.

# 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**  
665258

# Trichromacy



**Original Color**  
7539A8



**Protanomaly**  
2B4AAF



**Deuteranomaly**  
2B4DA1



**Tritanomaly**  
6B4975

# Monochromacy



**Original Color**  
7539A8



**Achromatopsia**  
585858



**Achromatomaly**  
634D75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7539A8 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 #7539A8 looks like.

```
.text, #text, p{  
    color:#7539A8  
}
```

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 #7539A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7539A8
}
```

## Border

The CSS property to change the border of an element to Hex 7539A8 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
#7539A8 }
```

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

```
.border{ border-color:#7539A8 }
```

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

Here you see how a box with a 4 pixel #7539A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7539A8; -webkit-box-shadow:4px 4px  
4px 4px #7539A8; box-shadow:4px 4px 4px  
4px #7539A8 }
```

# Background

The CSS property to change the background color of an element to Hex 7539A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7539A8 }
```

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

```
.background{ background-color:#7539A8 }
```

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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