

# Converting Colors

Hex(7A5493)

Have a look what the booklet for  
Hex(7A5493) contains.

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# Color

**Hex(7A5493)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A5493
RGB	122, 84, 147
RGB Percent	48%, 33%, 58%
CMY	0.5216, 0.6706, 0.4235
CMYK	0.17, 0.43, 0.00, 0.42
HSL	276°, 27%, 45%
HSV	276°, 43%, 58%
XYZ	16.4628, 12.5848, 29.1652
YIQ	102.5440, 2.4250, 27.6490

# Conversions

## Conversions Part 2

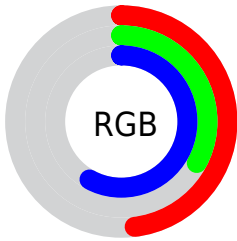
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 84, 147
Decimal	8017043
CIE <sub>Lab</sub>	42.13, 28.15, -28.70
CIE <sub>LCh</sub>	42, 40.199, 314.448
Yxy	12.5848, 0.2828, 0.2162
Android (android.graphics.Color)	4286207123 (0xFF7A5493)
YUV	102.5440, 21.9168, 17.0629
Hunter-Lab	35.4751, 20.7547, -23.9117

# Details

The Hex color **7A5493** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6D9354**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B086C9**, and **482560** is the 20% darker color. If you saturate the color by 10%, you get **744593**, and if you desaturate by 10%, it is **806393**.

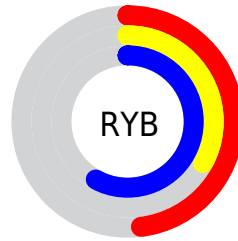
# Distribution



Red (48%)

Green (33%)

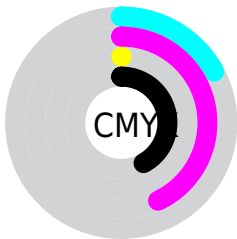
Blue (58%)



Red (48%)

Yellow (33%)

Blue (58%)

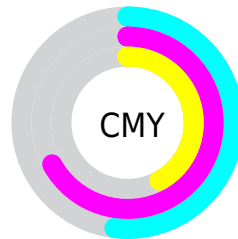


Cyan (17%)

Magenta (43%)

Yellow (0%)

Black (42%)



Cyan (52%)

Magenta (67%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A5493 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 7A5493 by changing the saturation by 10% instead.



7A5493

7A5493

FFFFFF

603C79

B086C9

482560

CBA1E5

300F48

E8BCFF

1C0031

FFD8FF

00011B

FFF5FF

000000

7A5493

7A5493

744593

806393

6E3793

867193

682893

8B8093

631993

918F93

5D0A93

979D93

590093

9DAC93

A3BB93

A9CA93

AFD893

# Harmonies

## Analogous

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



4562A4



7A5493



974876

# Triad

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



7A5493



845C21



007473

# Complementary

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



7A5493



6D9354

# 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.



007351



7A5493



66671F

# Square

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



7A5493



994F36



416E32



007291

# Rectangle

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



7A5493



A04560



416E32



007468



# Sweetspot

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



7A5493



B5A6BF



546D93



5B5161



E0E0E0



616161



# Same Dimension

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



7A5493



995EBF



93548D



47434A



53008A



06000A



# Inverse Universe

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



93546D



BF5E84



54935A



4A4345



8A0037

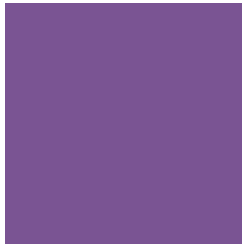


0A0004



# Previews

## White Background



This preview shows how the Hex color 7A5493 looks on a white background.

## Color Contrast Check

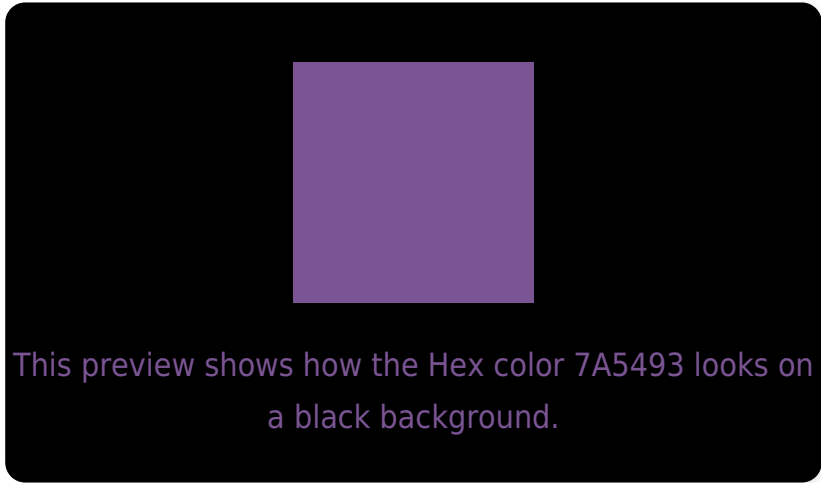
Large Text (above 18pt) WCAG AA ✓ Pass

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

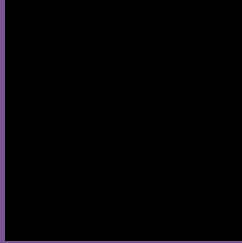
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A5493 Background



This preview shows how black text looks on a background with the Hex color 7A5493.



This preview shows how white text looks on a background with the Hex color 7A5493.

# 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



**Original Color**  
7A5493

**Protanopia**  
4C629F

**Deuteranopia**  
526390



**Tritanopia**  
735E65

# Trichromacy



**Original Color**  
7A5493

**Protanomaly**  
5D5D9B

**Deuteranomaly**  
615E91

**Tritanomaly**  
765A76

# Monochromacy



**Original Color**  
7A5493

**Achromatopsia**  
676767

**Achromatomaly**  
6E6077

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A5493 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 #7A5493 looks like.

```
.text, #text, p{  
    color:#7A5493  
}
```

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 #7A5493 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A5493
}
```

## Border

The CSS property to change the border of an element to Hex 7A5493 is called "border". The border property can be set on classes, ids or directly on the HTML element.

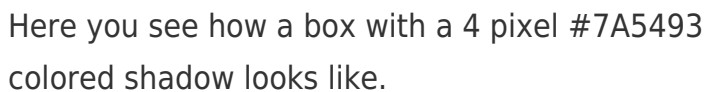
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A5493 }
```

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

```
.border{ border-color:#7A5493 }
```

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



Here you see how a box with a 4 pixel #7A5493 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A5493; -webkit-box-shadow:4px 4px  
4px 4px #7A5493; box-shadow:4px 4px 4px  
4px #7A5493 }
```

# Background

The CSS property to change the background color of an element to Hex 7A5493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A5493 }
```

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

```
.background{ background-color:#7A5493 }
```

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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