

# Converting Colors

Hex(7A4093)

Have a look what the booklet for  
Hex(7A4093) contains.

<b>Hex(7A4093)</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(7A4093)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A4093
RGB	122, 64, 147
RGB Percent	48%, 25%, 58%
CMY	0.5216, 0.7490, 0.4235
CMYK	0.17, 0.56, 0.00, 0.42
HSL	282°, 39%, 41%
HSV	282°, 56%, 58%
XYZ	15.1259, 9.9110, 28.7195
YIQ	90.8040, 7.9250, 38.1090

# Conversions

## Conversions Part 2

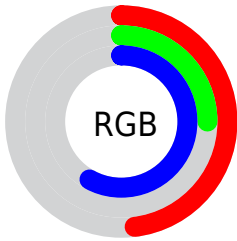
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 64, 147
Decimal	8011923
CIE <sub>Lab</sub>	37.68, 39.57, -35.71
CIE <sub>LCh</sub>	38, 53.297, 317.935
Yxy	9.9110, 0.2814, 0.1844
Android (android.graphics.Color)	4286202003 (0xFF7A4093)
YUV	90.8040, 27.7046, 27.3589
Hunter-Lab	31.4817, 30.6704, -32.0509

# Details

The Hex color **7A4093** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **599340**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B072C9**, and **460D60** is the 20% darker color. If you saturate the color by 10%, you get **763193**, and if you desaturate by 10%, it is **7E4F93**.

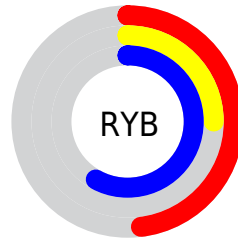
# Distribution



Red (48%)

Green (25%)

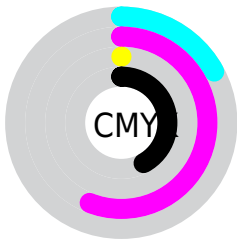
Blue (58%)



Red (48%)

Yellow (25%)

Blue (58%)

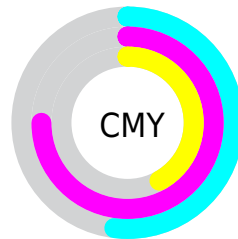


Cyan (17%)

Magenta (56%)

Yellow (0%)

Black (42%)



Cyan (52%)

Magenta (75%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A4093 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 7A4093 by changing the saturation by 10% instead.



7A4093

7A4093

FFFFFF

602779

B072C9

460D60

CD8DE6

2D0048

E9A8FF

180031

FFC3FF

00011B

FFE0FF

000000

FFFCFF

7A4093

7A4093

763193

7E4F93

712393

835D93

6D1493

876C93

680593

8C7B93

670093

908A93

959893

99A793

9DB693

A2C493

# Harmonies

## Analogous

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



2A55AB



7A4093



9C2B6C

# Triad

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



7A4093



7A5000



006C72

# Complementary

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



7A4093



599340

# 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.



006B45



7A4093



535E00

# Square

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



7A4093



963D18



186718



006A98

# Rectangle

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



7A4093



A4274F



186718



006C63



# Sweetspot

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



7A4093



B59FBF



405A93



5B4E61



E0E0E0



616161



# Same Dimension

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



7A4093



983DBF



934084



48434A



60008A



07000A



# Inverse Universe

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



934059



BF3D64



40934F



4A4345



8A0029

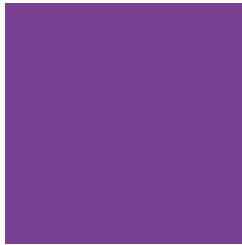


0A0003



# Previews

## White Background



This preview shows how the Hex color 7A4093 looks on a white background.

## Color Contrast Check

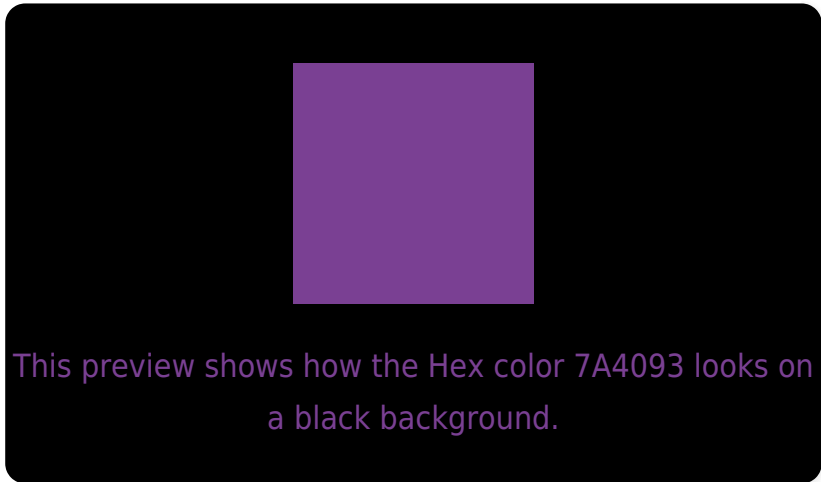
Large Text (above 18pt) WCAG AA ✓ Pass

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

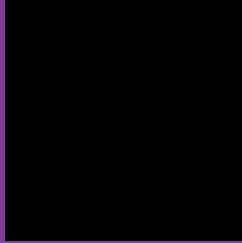
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A4093 Background



This preview shows how black text looks on a background with the Hex color 7A4093.

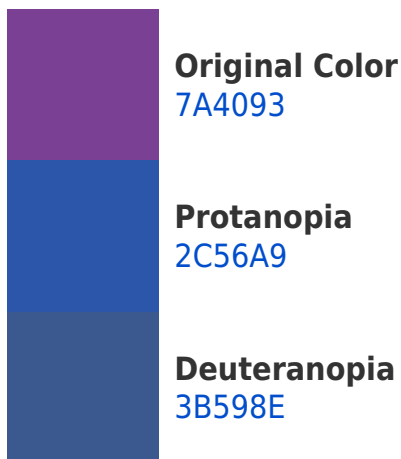



This preview shows how white text looks on a background with the Hex color 7A4093.

# 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**  
715056

# Trichromacy



**Original Color**

7A4093



**Protanomaly**

484EA1



**Deuteranomaly**

525090



**Tritanomaly**

744A6C

# Monochromacy



**Original Color**

7A4093



**Achromatopsia**

5B5B5B



**Achromatomaly**

66516F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A4093 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 #7A4093 looks like.

```
.text, #text, p{  
    color:#7A4093  
}
```

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 #7A4093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4093
}
```

## Border

The CSS property to change the border of an element to Hex 7A4093 is called "border". The border property can be set on classes, ids or directly on the HTML element.

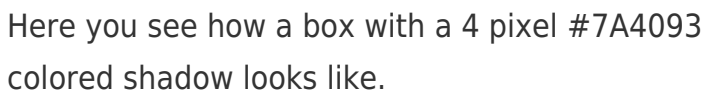
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A4093 }
```

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

```
.border{ border-color:#7A4093 }
```

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



Here you see how a box with a 4 pixel #7A4093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4093; -webkit-box-shadow:4px 4px  
4px 4px #7A4093; box-shadow:4px 4px 4px  
4px #7A4093 }
```

# Background

The CSS property to change the background color of an element to Hex 7A4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4093 }
```

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

```
.background{ background-color:#7A4093 }
```

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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