

# Converting Colors

Hex(7A38A4)

Have a look what the booklet for  
Hex(7A38A4) contains.

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# Color

**Hex(7A38A4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A38A4
RGB	122, 56, 164
RGB Percent	48%, 22%, 64%
CMY	0.5216, 0.7804, 0.3569
CMYK	0.26, 0.66, 0.00, 0.36
HSL	277°, 49%, 43%
HSV	277°, 66%, 64%
XYZ	16.1411, 9.6463, 36.1331
YIQ	88.0460, 4.6680, 47.5800

# Conversions

## Conversions Part 2

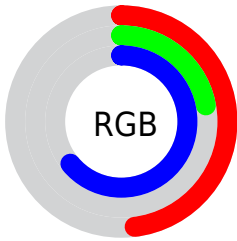
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 56, 164</a>
Decimal	<a href="#">8009892</a>
CIELab	<a href="#">37.20, 47.58, -46.74</a>
CIElCh	<a href="#">37, 66.696, 315.506</a>
Yxy	<a href="#">9.6463, 0.2607, 0.1558</a>
Android (android.graphics.Color)	<a href="#">4286199972 (0xFF7A38A4)</a>
YUV	<a href="#">88.0460, 37.4453, 29.7777</a>
Hunter-Lab	<a href="#">31.0584, 38.4141, -47.2367</a>

# Details

The Hex color **7A38A4** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **62A438**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **B16BDC**, and **44006F** is the 20% darker color. If you saturate the color by 10%, you get **7428A4**, and if you desaturate by 10%, it is **8048A4**.

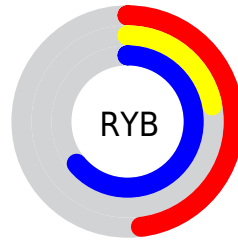
# Distribution



Red (48%)

Green (22%)

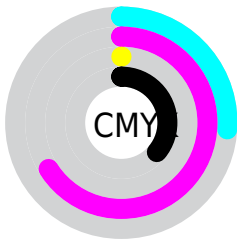
Blue (64%)



Red (48%)

Yellow (22%)

Blue (64%)

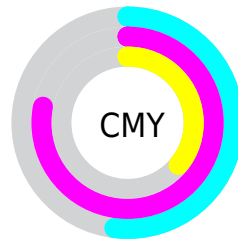


Cyan (26%)

Magenta (66%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (78%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A38A4 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 7A38A4 by changing the saturation by 10% instead.



7A38A4

7A38A4

FFFFFF

5F1E89

B16BDC

44006F

CE86F8

290056

EBA1FF

10003E

FFBCFF

000327

FFD9FF

000111

FFF6FF

000000

7A38A4

7A38A4

7428A4

8048A4

6D17A4

8759A4

6707A4

8D69A4

6400A4

947AA4

9A8AA4

A09AA4

A7ABA4

ADBBA4

B3CCA4

# Harmonies

## Analogous

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



0055C1



7A38A4



A80474

# Triad

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



7A38A4



814B00



006E73

# Complementary

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



7A38A4



62A438

# 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.



006C3A



7A38A4



525E00

# Square

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



7A38A4



A32D05



006800



006CA4

# Rectangle

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



7A38A4



B20050



006800



006D60



# Sweetspot

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



7A38A4



C6ABD6



3863A4



61516B



EBEBEB



6B6B6B



# Same Dimension

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



7A38A4



942DD6



A43899



4E4952



590091



0B0012



# Inverse Universe

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



A43862



D62D6F



38A443



52494D



910039



120007



# Previews

## White Background



This preview shows how the Hex color 7A38A4 looks on a white background.

## Color Contrast Check

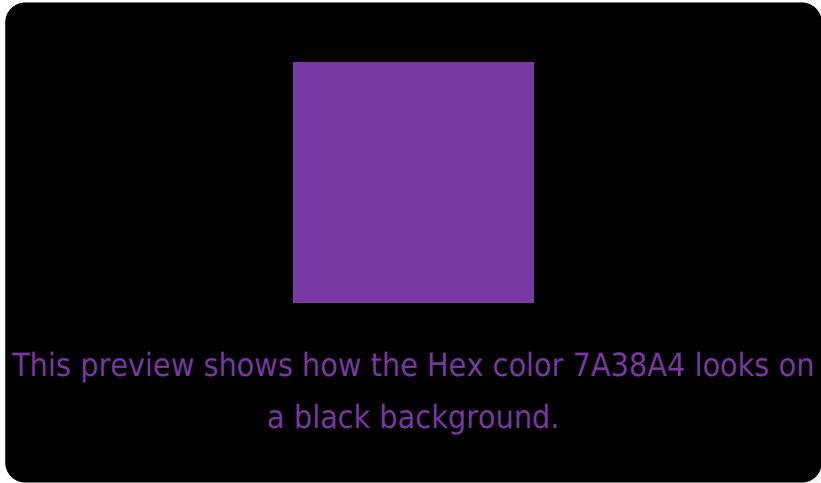
Large Text (above 18pt) WCAG AA ✓ Pass

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

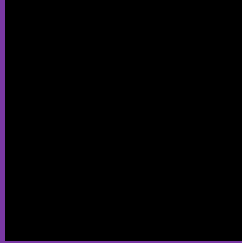
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A38A4 Background



This preview shows how black text looks on a background with the Hex color 7A38A4.



This preview shows how white text looks on a background with the Hex color 7A38A4.

# 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**  
6D5056

# Trichromacy



**Original Color**

7A38A4



**Protanomaly**

2C4AAE



**Deuteranomaly**

384DA0



**Tritanomaly**

724772

# Monochromacy



**Original Color**

7A38A4



**Achromatopsia**

585858



**Achromatomaly**

644C74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A38A4 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 #7A38A4 looks like.

```
.text, #text, p{  
    color:#7A38A4  
}
```

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 #7A38A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A38A4
}
```

## Border

The CSS property to change the border of an element to Hex 7A38A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

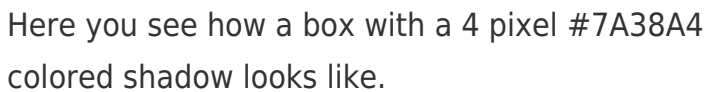
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A38A4 }
```

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

```
.border{ border-color:#7A38A4 }
```

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



Here you see how a box with a 4 pixel #7A38A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A38A4; -webkit-box-shadow:4px 4px  
4px 4px #7A38A4; box-shadow:4px 4px 4px  
4px #7A38A4 }
```

# Background

The CSS property to change the background color of an element to Hex 7A38A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A38A4 }
```

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

```
.background{ background-color:#7A38A4 }
```

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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