

# Converting Colors

Hex(7F3C94)

Have a look what the booklet for  
Hex(7F3C94) contains.

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**Color**

**Hex(7F3C94)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F3C94
RGB	127, 60, 148
RGB Percent	50%, 24%, 58%
CMY	0.5020, 0.7647, 0.4196
CMYK	0.14, 0.59, 0.00, 0.42
HSL	286°, 42%, 41%
HSV	286°, 59%, 58%
XYZ	15.7136, 9.8819, 29.0962
YIQ	90.0650, 11.6840, 41.5720

# Conversions

## Conversions Part 2

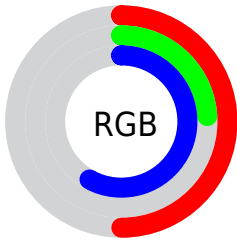
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 60, 148
Decimal	8338580
CIE <sub>Lab</sub>	37.63, 43.26, -36.36
CIE <sub>LCh</sub>	38, 56.507, 319.954
Yxy	9.8819, 0.2873, 0.1807
Android (android.graphics.Color)	4286528660 (0xFF7F3C94)
YUV	90.0650, 28.5620, 32.3920
Hunter-Lab	31.4354, 34.2144, -32.8731

# Details

The Hex color **7F3C94** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **51943C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B66FCB**, and **4B0461** is the 20% darker color. If you saturate the color by 10%, you get **7B2D94**, and if you desaturate by 10%, it is **834B94**.

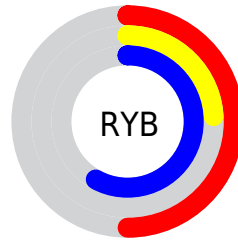
# Distribution



Red (50%)

Green (24%)

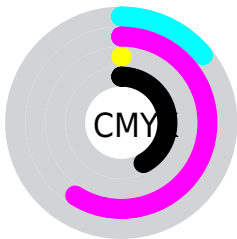
Blue (58%)



Red (50%)

Yellow (24%)

Blue (58%)

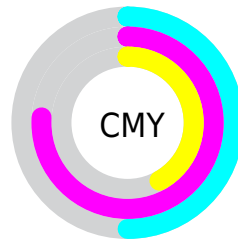


Cyan (14%)

Magenta (59%)

Yellow (0%)

Black (42%)



Cyan (50%)

Magenta (76%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F3C94 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 7F3C94 by changing the saturation by 10% instead.



7F3C94

7F3C94

FFFFFF

65237A

B66FCB

4B0461

D289E7

310048

EFA4FF

1C0031

FFC0FF

00011B

FFDCFF

000000

FFF9FF

7F3C94

7F3C94

7B2D94

834B94

781E94

865A94

741094

8A6894

710194

8D7794

710094

918694

949594

98A494

9BB294

9FC194

# Harmonies

## Analogous

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



2D53AF



7F3C94



A1246A

# Triad

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



7F3C94



795100



006D77

# Complementary

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



7F3C94



51943C

# 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.



006C47



7F3C94



4F5F00

# Square

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



7F3C94



983C10



006816



006A9E

# Rectangle

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



7F3C94



A8204B



006816



006D67



# Sweetspot

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



7F3C94



B79DBF



3C5294



5C4C61



E0E0E0



616161



# Same Dimension

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



7F3C94



9F37BF



943C7E



48434A



69008A



08000A



# Inverse Universe

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



943C51



BF3758



3C9452



4A4344



8A0021

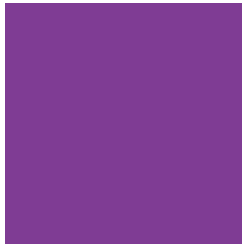


0A0002



# Previews

## White Background



This preview shows how the Hex color 7F3C94 looks on a white background.

## Color Contrast Check

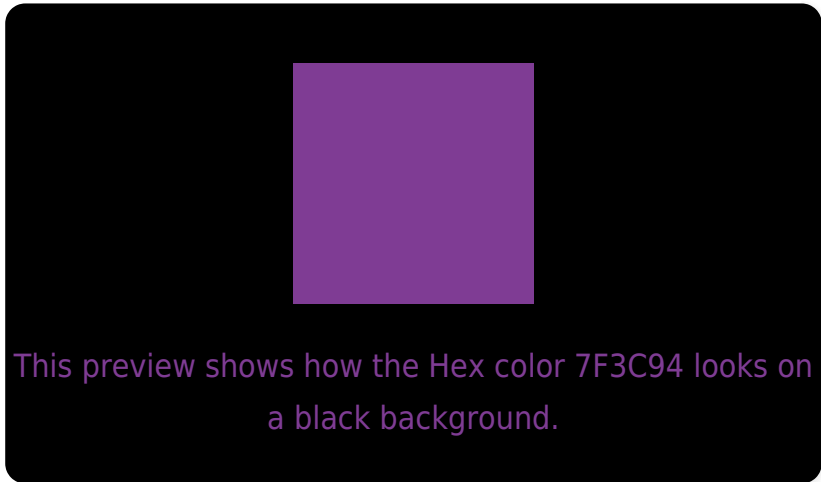
Large Text (above 18pt) WCAG AA ✓ Pass

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

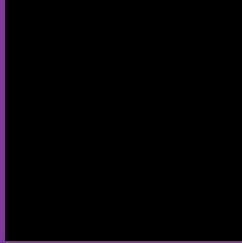
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F3C94 Background



This preview shows how black text looks on a background with the Hex color 7F3C94.

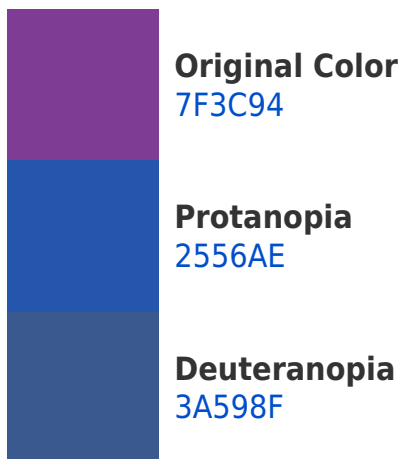



This preview shows how white text looks on a background with the Hex color 7F3C94.

# 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**  
764E54

# Trichromacy



**Original Color**  
7F3C94



**Protanomaly**  
464DA5



**Deuteranomaly**  
534E91



**Tritanomaly**  
79476B

# Monochromacy



**Original Color**  
7F3C94



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
674F6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F3C94 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 #7F3C94 looks like.

```
.text, #text, p{  
    color:#7F3C94  
}
```

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 #7F3C94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F3C94
}
```

## Border

The CSS property to change the border of an element to Hex 7F3C94 is called "border". The border property can be set on classes, ids or directly on the HTML element.

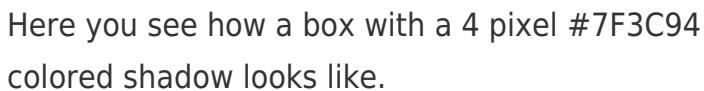
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F3C94 }
```

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

```
.border{ border-color:#7F3C94 }
```

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



Here you see how a box with a 4 pixel #7F3C94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F3C94; -webkit-box-shadow:4px 4px  
4px 4px #7F3C94; box-shadow:4px 4px 4px  
4px #7F3C94 }
```

# Background

The CSS property to change the background color of an element to Hex 7F3C94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F3C94 }
```

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

```
.background{ background-color:#7F3C94 }
```

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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