

# Converting Colors

Hex(7B3F92)

Have a look what the booklet for  
Hex(7B3F92) contains.

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# Color

Hex(7B3F92)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B3F92
RGB	123, 63, 146
RGB Percent	48%, 25%, 57%
CMY	0.5176, 0.7529, 0.4275
CMYK	0.16, 0.57, 0.00, 0.43
HSL	283°, 40%, 41%
HSV	283°, 57%, 57%
XYZ	15.1342, 9.8413, 28.2960
YIQ	90.4020, 9.1170, 38.5330

# Conversions

## Conversions Part 2

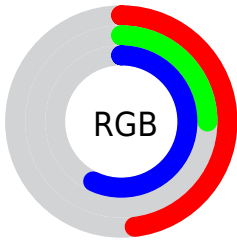
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 63, 146</a>
Decimal	<a href="#">8077202</a>
CIELab	<a href="#">37.56, 40.16, -35.29</a>
CIELCh	<a href="#">38, 53.463, 318.692</a>
Yxy	<a href="#">9.8413, 0.2841, 0.1847</a>
Android (android.graphics.Color)	<a href="#">4286267282 (0xFF7B3F92)</a>
YUV	<a href="#">90.4020, 27.4098, 28.5884</a>
Hunter-Lab	<a href="#">31.3708, 31.2146, -31.5191</a>

# Details

The Hex color **7B3F92** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **56923F**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B171C8**, and **470B5F** is the 20% darker color. If you saturate the color by 10%, you get **773092**, and if you desaturate by 10%, it is **7F4E92**.

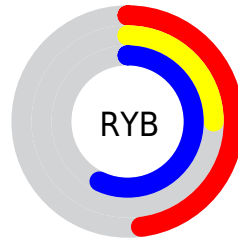
# Distribution



Red (48%)

Green (25%)

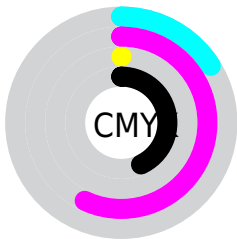
Blue (57%)



Red (48%)

Yellow (25%)

Blue (57%)

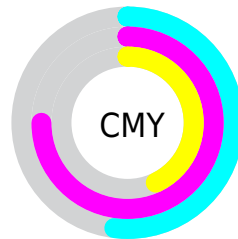


Cyan (16%)

Magenta (57%)

Yellow (0%)

Black (43%)



Cyan (52%)

Magenta (75%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B3F92 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 7B3F92 by changing the saturation by 10% instead.



7B3F92

7B3F92

FFFFFF

612678

B171C8

470B5F

CE8CE5

2E0047

EAA7FF

190030

FFC2FF

00011A

FFDFFF

000000

FFFCFF

7B3F92

7B3F92

773092

7F4E92

732292

835C92

6F1392

876B92

6B0592

8B7992

6A0092

8F8892

939792

97A592

9BB492

9FC292

# Harmonies

## Analogous

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



2D54AB



7B3F92



9D2A6B

# Triad

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



7B3F92



795100



006C73

# Complementary

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



7B3F92



56923F

# 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.



006B46



7B3F92



525E00

# Square

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



7B3F92



963D17



146719



006999

# Rectangle

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



7B3F92



A4264E



146719



006C64



# Sweetspot

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



7B3F92



B49DBD



3F5792



594B5E



DEDEDE



5E5E5E



# Same Dimension

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



7B3F92



993CBD



923F80



48434A



64008A



07000A



# Inverse Universe

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



923F56



BD3C60



3F9251



4A4345



8A0026

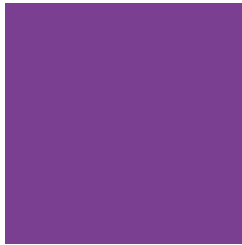


0A0003



# Previews

## White Background



This preview shows how the Hex color 7B3F92 looks on a white background.

## Color Contrast Check

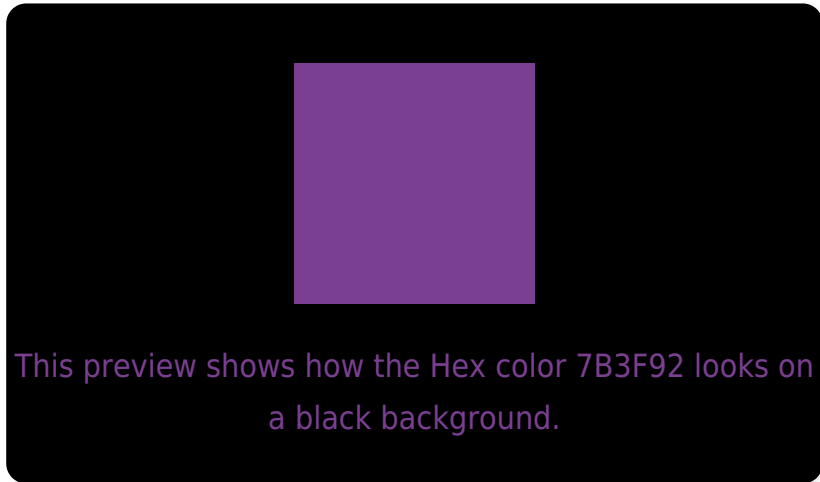
Large Text (above 18pt) WCAG AA ✓ Pass

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

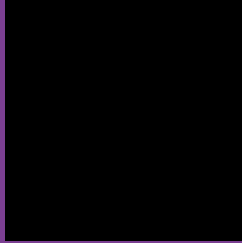
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B3F92 Background



This preview shows how black text looks on a background with the Hex color 7B3F92.

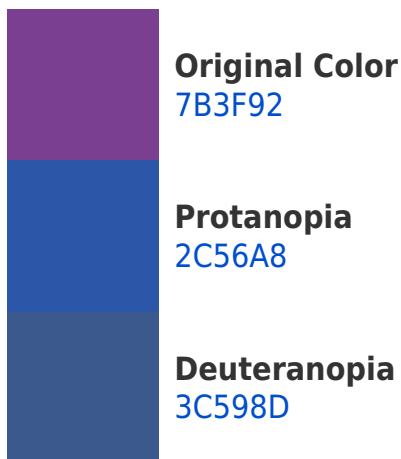


This preview shows how white text looks on a background with the Hex color 7B3F92.

# 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](#).

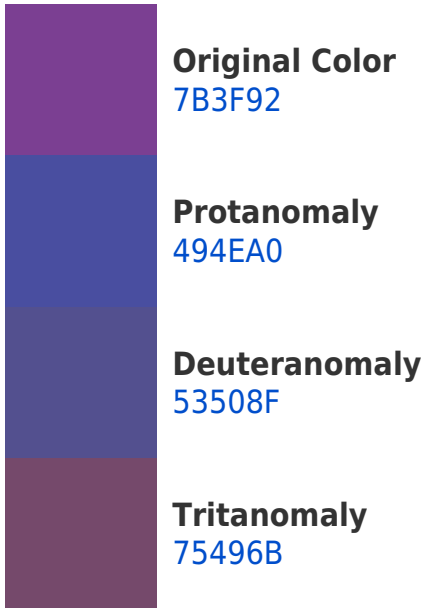
## Dichromacy



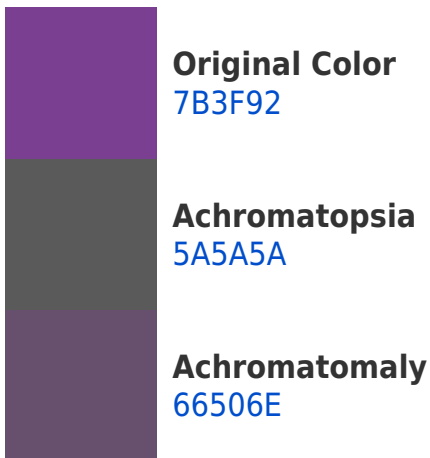


**Tritanopia**  
724F55

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B3F92 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 #7B3F92 looks like.

```
.text, #text, p{  
    color:#7B3F92  
}
```

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 #7B3F92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3F92
}
```

## Border

The CSS property to change the border of an element to Hex 7B3F92 is called "border". The border property can be set on classes, ids or directly on the HTML element.

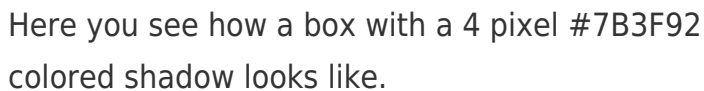
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B3F92 }
```

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

```
.border{ border-color:#7B3F92 }
```

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



Here you see how a box with a 4 pixel #7B3F92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3F92; -webkit-box-shadow:4px 4px  
4px 4px #7B3F92; box-shadow:4px 4px 4px  
4px #7B3F92 }
```

# Background

The CSS property to change the background color of an element to Hex 7B3F92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3F92 }
```

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

```
.background{ background-color:#7B3F92 }
```

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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