

Converting Colors

Hex(7E3990)

Have a look what the booklet for
Hex(7E3990) contains.

Hex(7E3990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7E3990)

Conversions

Conversions Part 1

Format	Color
Hex	7E3990
RGB	126, 57, 144
RGB Percent	49%, 22%, 56%
CMY	0.5059, 0.7765, 0.4353
CMYK	0.12, 0.60, 0.00, 0.44
HSL	288°, 43%, 39%
HSV	288°, 60%, 56%
XYZ	15.1014, 9.3755, 27.3993
YIQ	87.5490, 13.1970, 41.6850

Conversions

Conversions Part 2

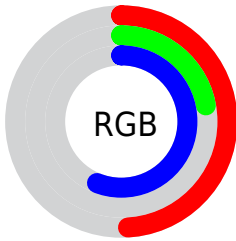
Format	Color
RYB	126, 57, 144
Decimal	8272272
CIELab	36.70, 43.66, -35.41
CIElCh	37, 56.218, 320.960
Yxy	9.3755, 0.2911, 0.1807
Android (android.graphics.Color)	4286462352 (0xFF7E3990)
YUV	87.5490, 27.8303, 33.7215
Hunter-Lab	30.6194, 34.4514, -31.6211

Details

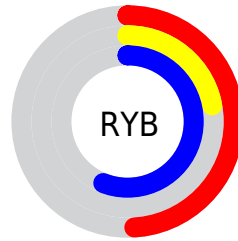
The Hex color **7E3990** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4B9039**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B56CC6**, and **4A005D** is the 20% darker color. If you saturate the color by 10%, you get **7B2B90**, and if you desaturate by 10%, it is **814790**.

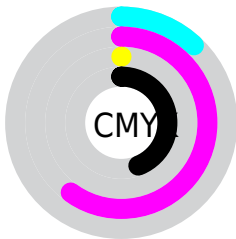
Distribution



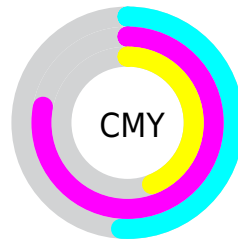
- Red (49%)
- Green (22%)
- Blue (56%)



- Red (49%)
- Yellow (22%)
- Blue (56%)



- Cyan (12%)
- Magenta (60%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (78%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E3990 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 7E3990 by changing the saturation by 10% instead.

7E3990

7E3990

FFFFFF

641F76

B56CC6

4A005D

D186E3

310045

EEA1FF

1A002E

FFBDFE

000118

FFD9FF

000000

FFF6FF

7E3990

7E3990

7B2B90

814790

 781C90

 845690

 750E90

 876490

 720090

 8A7390

 8D8190

 908F90

 939E90

 96AC90

 99BB90

Harmonies

Analogous

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



2F50AC



7E3990



9F2166

Triad

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



7E3990



755000



006A76

Complementary

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



7E3990



4B9039

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.



006947



7E3990



4B5E00

Square

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



7E3990



943B0C



006516



00689C

Rectangle

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



7E3990



A51E48



006516



006A66

Sweetspot

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



7E3990



B399BA



394C90



5A4A5E



DEDEDE



5E5E5E

Same Dimension

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



7E3990



9E32BA



903977



464047



6B0087



060008

Inverse Universe

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



90394B



BA324E



399052



474042



87001C



080002

Previews

White Background



This preview shows how the Hex color 7E3990 looks on a white background.

Color Contrast Check

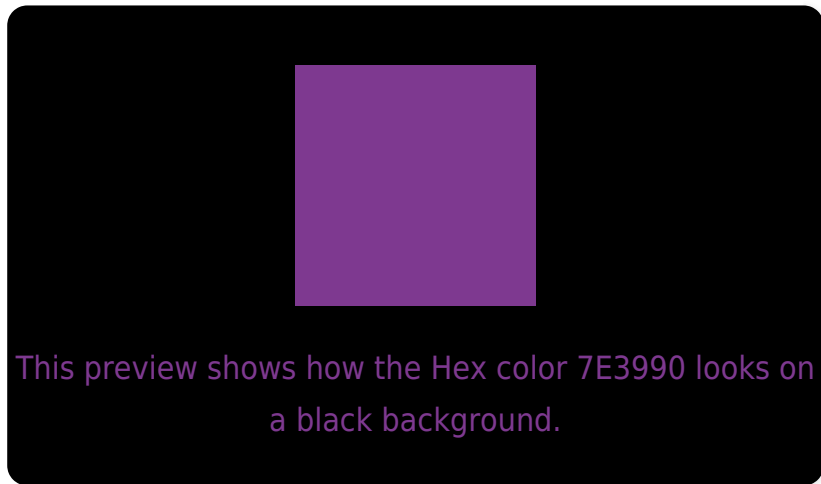
Large Text (above 18pt) WCAG AA ✓ Pass

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

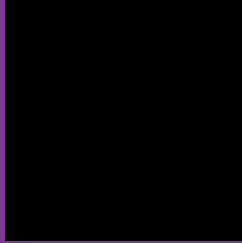
Any Text WCAG AA × Fail

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 7E3990 Background



This preview shows how black text looks on a background with the Hex color 7E3990.



This preview shows how white text looks on a background with the Hex color 7E3990.

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
7E3990

Protanopia
2254AA

Deuteranopia
3A578B



Tritanopia
754B51

Trichromacy



Original Color
7E3990



Protanomaly
434AA1



Deuteranomaly
534C8D



Tritanomaly
784468

Monochromacy



Original Color
7E3990



Achromatopsia
585858



Achromatomaly
664D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E3990 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 #7E3990 looks like.

```
.text, #text, p{  
    color:#7E3990  
}
```

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 #7E3990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E3990
}
```

Border

The CSS property to change the border of an element to Hex 7E3990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

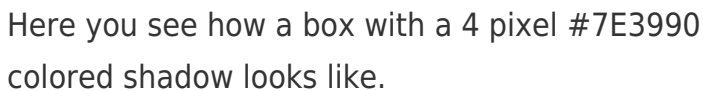
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E3990 }
```

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

```
.border{ border-color:#7E3990 }
```

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



Here you see how a box with a 4 pixel #7E3990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E3990; -webkit-box-shadow:4px 4px  
4px 4px #7E3990; box-shadow:4px 4px 4px  
4px #7E3990 }
```

Background

The CSS property to change the background color of an element to Hex 7E3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E3990 }
```

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

```
.background{ background-color:#7E3990 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor