

# Converting Colors

Hex(7E437D)

Have a look what the booklet for  
Hex(7E437D) contains.

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# Color

**Hex(7E437D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E437D
RGB	126, 67, 125
RGB Percent	49%, 26%, 49%
CMY	0.5059, 0.7373, 0.5098
CMYK	0.00, 0.47, 0.01, 0.51
HSL	301°, 31%, 38%
HSV	301°, 47%, 49%
XYZ	14.3130, 9.9306, 20.5645
YIQ	91.2530, 16.5460, 30.5460

# Conversions

## Conversions Part 2

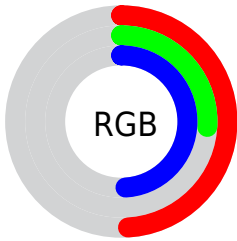
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 67, 125
Decimal	8274813
CIE <sub>Lab</sub>	37.72, 34.47, -22.13
CIE <sub>LCh</sub>	38, 40.964, 327.297
Yxy	9.9306, 0.3194, 0.2216
Android (android.graphics.Color)	4286464893 (0xFF7E437D)
YUV	91.2530, 16.6373, 30.4731
Hunter-Lab	31.5129, 25.9265, -16.6321

# Details

The Hex color **7E437D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **437E44**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B475B2**, and **4B124C** is the 20% darker color. If you saturate the color by 10%, you get **7E367D**, and if you desaturate by 10%, it is **7E507D**.

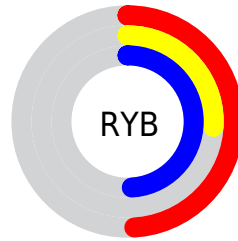
# Distribution



Red (49%)

Green (26%)

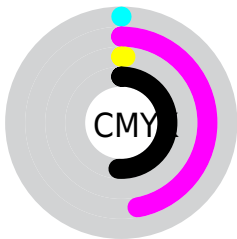
Blue (49%)



Red (49%)

Yellow (26%)

Blue (49%)

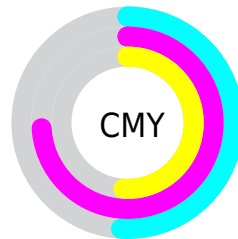


Cyan (0%)

Magenta (47%)

Yellow (1%)

Black (51%)



Cyan (51%)

Magenta (74%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E437D 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 7E437D by changing the saturation by 10% instead.



7E437D

7E437D

FFFFFF

642B64

B475B2

4B124C

D08FCD

330035

EDAAEA

1E0020

FFC6FF

000002

FFE2FF

000000

7E437D

7E437D

7E367D

7E507D

7E2A7D

7E5C7D

 7E1D7C

 7E697E

 7E117C

 7E757E

 7E047C

 7E827E

 7E007C

 7E8F7E

 7E9B7E

 7EA87F

 7EB47F

# Harmonies

## Analogous

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



545194



7E437D



923A5D

# Triad

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



7E437D



6D5610



006876

# Complementary

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



7E437D



437E44

# 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.



006855



7E437D



4C6018

# Square

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



7E437D



854921



1D6633



006590

# Rectangle

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



7E437D



953B47



1D6633



00696B



# Sweetspot

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



7E437D



A38CA3



44437E



524451



D1D1D1



525252



# Same Dimension

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



7E437D



A348A2



7E4360



403940



80007D



000000



# Inverse Universe

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



7E437D



A348A2



437E61



403940



80007D



000000



# Previews

## White Background



This preview shows how the Hex color 7E437D looks on a white background.

## Color Contrast Check

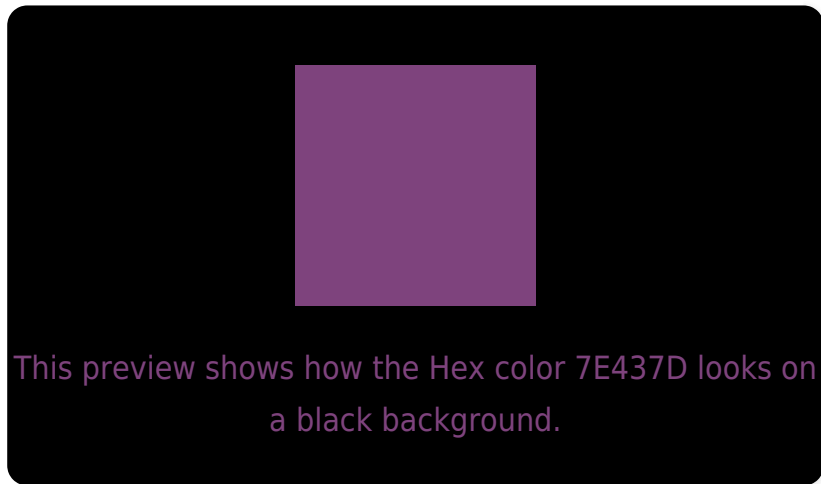
Large Text (above 18pt) WCAG AA ✓ Pass

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

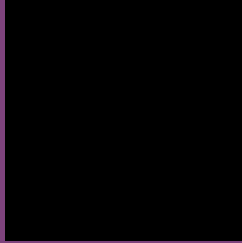
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E437D Background



This preview shows how black text looks on a background with the Hex color 7E437D.

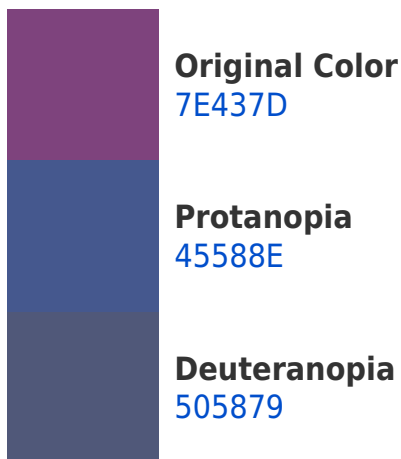


This preview shows how white text looks on a background with the Hex color 7E437D.

# 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**  
794D53

# Trichromacy



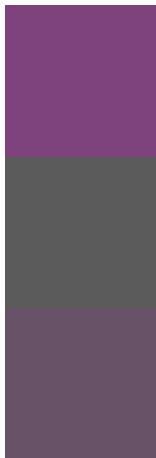
**Original Color**  
7E437D

**Protanomaly**  
5A5088

**Deuteranomaly**  
61507A

**Tritanomaly**  
7B4962

# Monochromacy



**Original Color**  
7E437D

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
685267

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E437D 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 #7E437D looks like.

```
.text, #text, p{  
    color:#7E437D  
}
```

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 #7E437D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E437D
}
```

## Border

The CSS property to change the border of an element to Hex 7E437D is called "border". The border property can be set on classes, ids or directly on the HTML element.

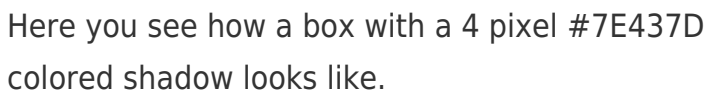
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E437D }
```

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

```
.border{ border-color:#7E437D }
```

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



Here you see how a box with a 4 pixel #7E437D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E437D; -webkit-box-shadow:4px 4px  
4px 4px #7E437D; box-shadow:4px 4px 4px  
4px #7E437D }
```

# Background

The CSS property to change the background color of an element to Hex 7E437D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E437D }
```

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

```
.background{ background-color:#7E437D }
```

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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