

Converting Colors

Hex(7E477B)

Have a look what the booklet for
Hex(7E477B) contains.

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Color

Hex(7E477B)

Conversions

Conversions Part 1

Format	Color
Hex	7E477B
RGB	126, 71, 123
RGB Percent	49%, 28%, 48%
CMY	0.5059, 0.7216, 0.5176
CMYK	0.00, 0.44, 0.02, 0.51
HSL	303°, 28%, 39%
HSV	303°, 44%, 49%
XYZ	14.4326, 10.3722, 19.9802
YIQ	93.3730, 16.0880, 27.8320

Conversions

Conversions Part 2

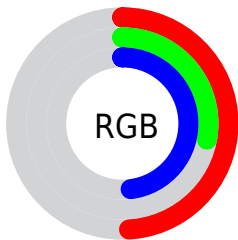
Format	Color
R_{YB}	126, 71, 123
Decimal	8275835
CIE _{Lab}	38.50, 31.83, -19.68
CIE _{LCh}	39, 37.421, 328.266
Yxy	10.3722, 0.3223, 0.2316
Android (android.graphics.Color)	4286465915 (0xFF7E477B)
YUV	93.3730, 14.6061, 28.6139
Hunter-Lab	32.2058, 23.6320, -14.2390

Details

The Hex color **7E477B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **477E4A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B479B0**, and **4B174A** is the 20% darker color. If you saturate the color by 10%, you get **7E3A7A**, and if you desaturate by 10%, it is **7E547C**.

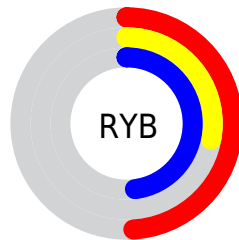
Distribution



Red (49%)

Green (28%)

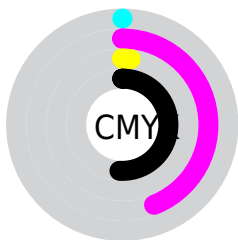
Blue (48%)



Red (49%)

Yellow (28%)

Blue (48%)

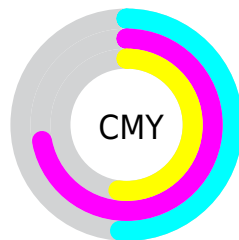


Cyan (0%)

Magenta (44%)

Yellow (2%)

Black (51%)



Cyan (51%)

Magenta (72%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E477B 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 7E477B by changing the saturation by 10% instead.

7E477B

7E477B

FFFFFF

642F62

B479B0

4B174A

D093CB

330033

ECAEE7

1F001E

FFCAFF

000000

FFE6FF

7E477B

7E477B

7E3A7A

7E547C

7E2E7A

7E607C

 7E2179

 7E6D7D

 7E1578

 7E797E

 7E0878

 7E867E

 7E0077

 7E937F

 7E9F80

 7EAC80

 7EB881

Harmonies

Analogous

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



595390



7E477B



90405E

Triad

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



7E477B



6D581A



006976

Complementary

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



7E477B



477E4A

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.



006958



7E477B



4F6122

Square

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



7E477B



844D27



266739



00668E

Rectangle

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



7E477B



934049



266739



006A6D

Sweetspot

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



7E477B



A38EA2



4A477E



524551



D1D1D1



525252

Same Dimension

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



7E477B



A34E9F



7E4760



40393F



800079



000000

Inverse Universe

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



7E477B



A34E9F



477E65



40393F



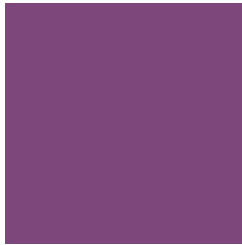
800079



000000

Previews

White Background



This preview shows how the Hex color 7E477B looks on a white background.

Color Contrast Check

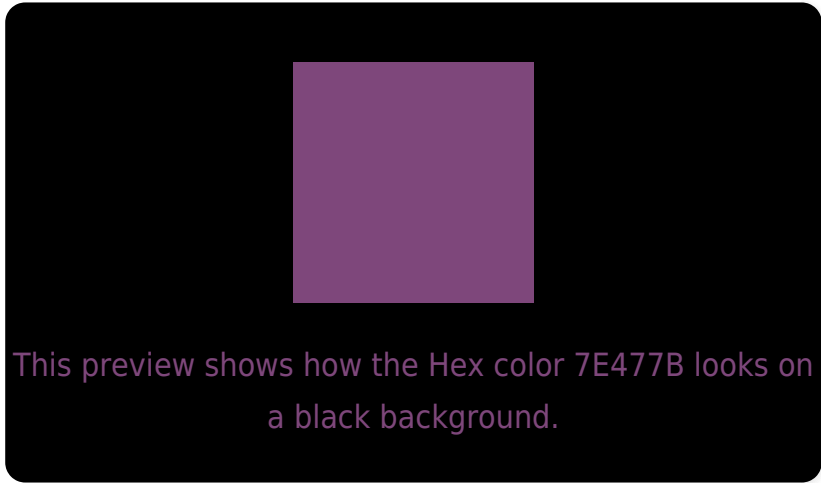
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

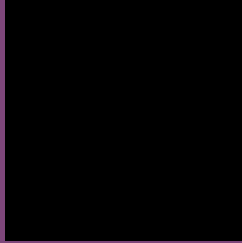
Any Text WCAG AA × Fail

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 7E477B Background



This preview shows how black text looks on a background with the Hex color 7E477B.



This preview shows how white text looks on a background with the Hex color 7E477B.

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
7E477B

Protanopia
4A5A8A

Deuteranopia
545A78



Tritanopia
794F55

Trichromacy



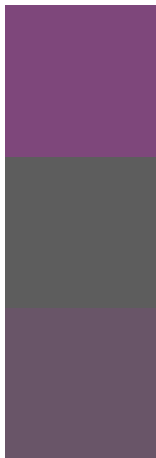
Original Color
7E477B

Protanomaly
5D5385

Deuteranomaly
635379

Tritanomaly
7B4C63

Monochromacy



Original Color
7E477B

Achromatopsia
5D5D5D

Achromatomaly
695568

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E477B 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 #7E477B looks like.

```
.text, #text, p{  
    color:#7E477B  
}
```

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 #7E477B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E477B
}
```

Border

The CSS property to change the border of an element to Hex 7E477B is called "border". The border property can be set on classes, ids or directly on the HTML element.

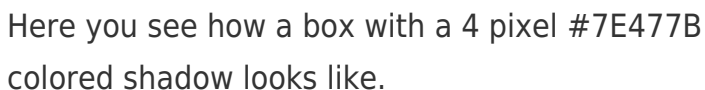
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E477B }
```

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

```
.border{ border-color:#7E477B }
```

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



Here you see how a box with a 4 pixel #7E477B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E477B; -webkit-box-shadow:4px 4px  
4px 4px #7E477B; box-shadow:4px 4px 4px  
4px #7E477B }
```

Background

The CSS property to change the background color of an element to Hex 7E477B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E477B }
```

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

```
.background{ background-color:#7E477B }
```

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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