

Converting Colors

Hex(7E71AE)

Have a look what the booklet for
Hex(7E71AE) contains.

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Color

Hex(7E71AE)

Conversions

Conversions Part 1

Format	Color
Hex	7E71AE
RGB	126, 113, 174
RGB Percent	49%, 44%, 68%
CMY	0.5059, 0.5569, 0.3176
CMYK	0.28, 0.35, 0.00, 0.32
HSL	253°, 27%, 56%
HSV	253°, 35%, 68%
XYZ	22.1493, 19.3019, 42.6026
YIQ	123.8410, -11.8330, 21.7270

Conversions

Conversions Part 2

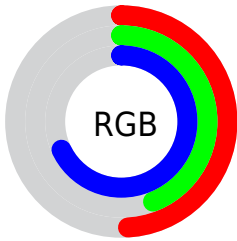
Format	Color
R_{YB}	126, 113, 174
Decimal	8286638
CIE _{Lab}	51.04, 18.73, -30.70
CIE _{LCh}	51, 35.960, 301.388
Yxy	19.3019, 0.2635, 0.2296
Android (android.graphics.Color)	4286476718 (0xFF7E71AE)
YUV	123.8410, 24.7284, 1.8934
Hunter-Lab	43.9339, 13.1066, -26.7397

Details

The Hex color **7E71AE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A1AE71**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B4A5E6**, and **4B4179** is the 20% darker color. If you saturate the color by 10%, you get **7060AE**, and if you desaturate by 10%, it is **8C82AE**.

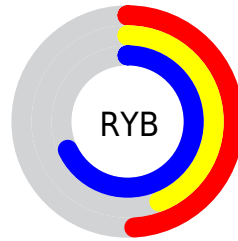
Distribution



Red (49%)

Green (44%)

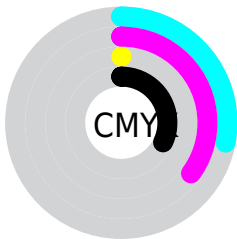
Blue (68%)



Red (49%)

Yellow (44%)

Blue (68%)

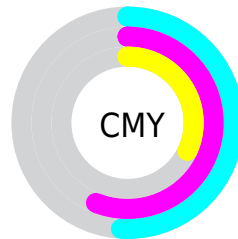


Cyan (28%)

Magenta (35%)

Yellow (0%)

Black (32%)



Cyan (51%)

Magenta (56%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E71AE 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 7E71AE by changing the saturation by 10% instead.

7E71AE

7E71AE

FFFFFF

645893

B4A5E6

4B4179

D0C0FF

322B60

ECDCFF

1A1648

FFF8FF

060031

00011C

000000

7E71AE

7E71AE

7060AE

8C82AE

634EAE

9994AE

553DAE

A7A5AE

472BAE

B5B7AE

3A1AAE

C2C8AE

2C09AE

D0D9AE

2500AE

DEEBAE

ECFCAE

F9FFAE

Harmonies

Analogous

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



497CB7



7E71AE



A16697

Triad

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



7E71AE



A46D44



00897A

Complementary

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



7E71AE



A1AE71

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.



45875B



7E71AE



8B783B

Square

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



7E71AE



B2645B



6B8144



008999

Rectangle

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



7E71AE



AE6184



6B8144



1F896F

Sweetspot

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



7E71AE



CFCAE3



71A2AE



676473



F2F2F2



737373

Same Dimension

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



7E71AE



9884E3



9C71AE



504E57



200096



050017

Inverse Universe

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



AE71A1



E384CF



83AE71



574E55



960076



170012

Previews

White Background



This preview shows how the Hex color 7E71AE looks on a white background.

Color Contrast Check

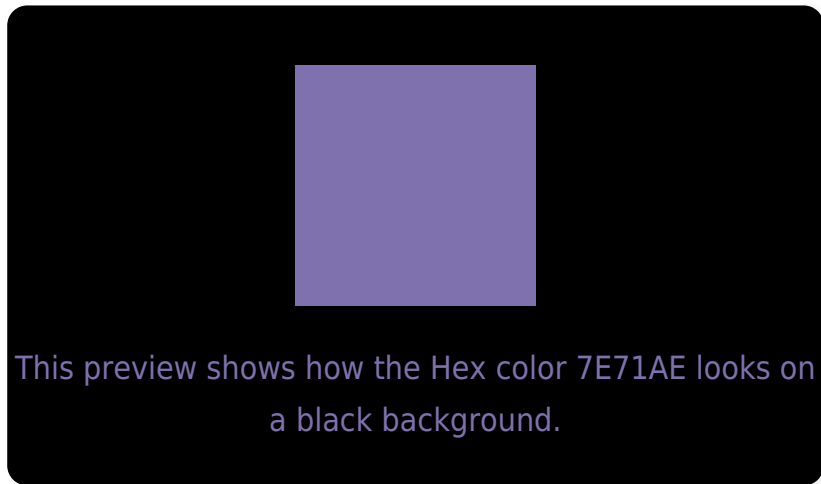
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

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

Hex 7E71AE Background



This preview shows how black text looks on a background with the Hex color 7E71AE.



This preview shows how white text looks on a background with the Hex color 7E71AE.

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
7E71AE

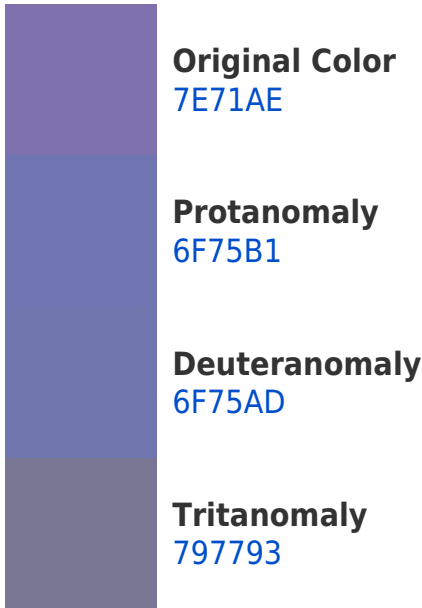
Protanopia
6678B3

Deuteranopia
6778AC

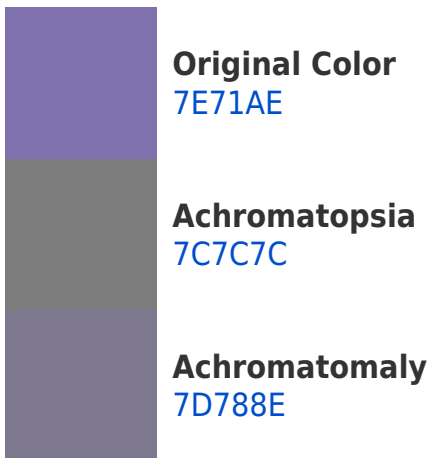


Tritanopia
767A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7E71AE 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 #7E71AE looks like.

```
.text, #text, p{  
    color:#7E71AE  
}
```

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 #7E71AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E71AE
}
```

Border

The CSS property to change the border of an element to Hex 7E71AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

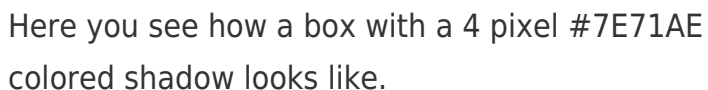
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E71AE }
```

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

```
.border{ border-color:#7E71AE }
```

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



Here you see how a box with a 4 pixel #7E71AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E71AE; -webkit-box-shadow:4px 4px  
4px 4px #7E71AE; box-shadow:4px 4px 4px  
4px #7E71AE }
```

Background

The CSS property to change the background color of an element to Hex 7E71AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E71AE }
```

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

```
.background{ background-color:#7E71AE }
```

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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