

Converting Colors

Hex(7F72AE)

Have a look what the booklet for
Hex(7F72AE) contains.

Hex(7F72AE)	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(7F72AE)

Conversions

Conversions Part 1

Format	Color
Hex	7F72AE
RGB	127, 114, 174
RGB Percent	50%, 45%, 68%
CMY	0.5020, 0.5529, 0.3176
CMYK	0.27, 0.34, 0.00, 0.32
HSL	253°, 27%, 56%
HSV	253°, 34%, 68%
XYZ	22.4097, 19.6026, 42.6470
YIQ	124.7270, -11.5120, 21.4160

Conversions

Conversions Part 2

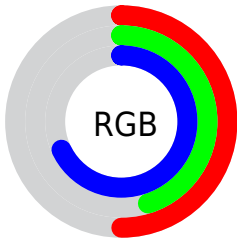
Format	Color
R _Y B	127, 114, 174
Decimal	8352430
CIE Lab	51.38, 18.44, -30.15
CIE LCh	51, 35.341, 301.445
Yxy	19.6026, 0.2647, 0.2315
Android (android.graphics.Color)	4286542510 (0xFF7F72AE)
YUV	124.7270, 24.2916, 1.9934
Hunter-Lab	44.2749, 12.8666, -26.1176

Details

The Hex color **7F72AE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A1AE72**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B5A6E6**, and **4C4279** is the 20% darker color. If you saturate the color by 10%, you get **7161AE**, and if you desaturate by 10%, it is **8D83AE**.

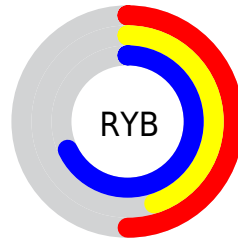
Distribution



Red (50%)

Green (45%)

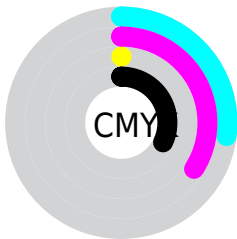
Blue (68%)



Red (50%)

Yellow (45%)

Blue (68%)

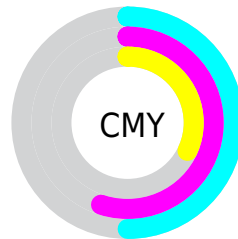


Cyan (27%)

Magenta (34%)

Yellow (0%)

Black (32%)



Cyan (50%)

Magenta (55%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F72AE 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 7F72AE by changing the saturation by 10% instead.

7F72AE

7F72AE

FFFFFF

655993

B5A6E6

4C4279

D1C1FF

342C60

EDDDFE

1B1748

FFFAFF

070031

00011C

000000

7F72AE

7F72AE

7161AE

8D83AE

644FAE

9A95AE

563EAE

A8A6AE

482CAE

B6B8AE

3B1BAE

C3C9AE

2D0AAE

D1DAAE

2600AE

DEECAE

ECFDAE

FAFFAE

Harmonies

Analogous

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



4C7DB7



7F72AE



A16798

Triad

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



7F72AE



A46E46



008A7B

Complementary

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



7F72AE



A1AE72

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.



47885C



7F72AE



8C793D

Square

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



7F72AE



B2655D



6C8245



008999

Rectangle

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



7F72AE



AF6384



6C8245



238A70

Sweetspot

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



7F72AE



D1CCE3



72A1AE



686573



F2F2F2



737373

Same Dimension

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



7F72AE



9A86E3



9D72AE



504E57



210096



050017

Inverse Universe

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



AE72A1



E386CF



83AE72



574E55



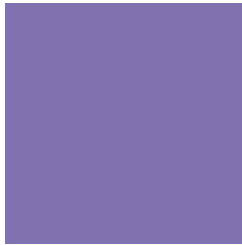
960076



170012

Previews

White Background



This preview shows how the Hex color 7F72AE looks on a white background.

Color Contrast Check

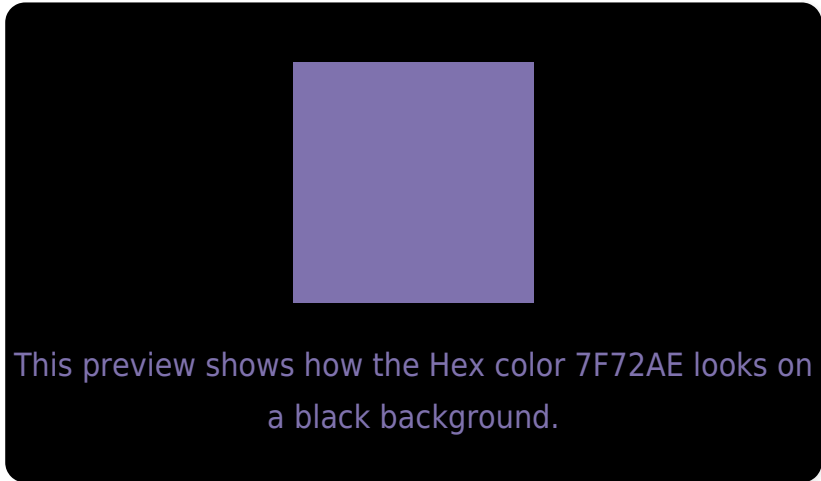
Large Text (above 18pt) WCAG AA ✓ Pass

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

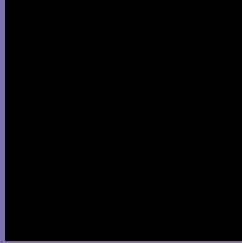
Any Text WCAG AA ✓ Pass

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 7F72AE Background



This preview shows how black text looks on a background with the Hex color 7F72AE.



This preview shows how white text looks on a background with the Hex color 7F72AE.

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](#).

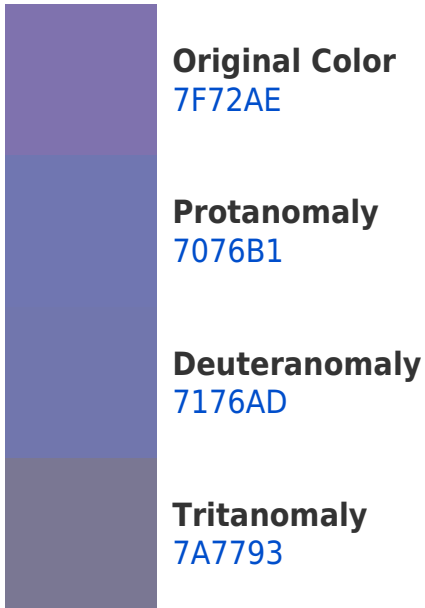
Dichromacy



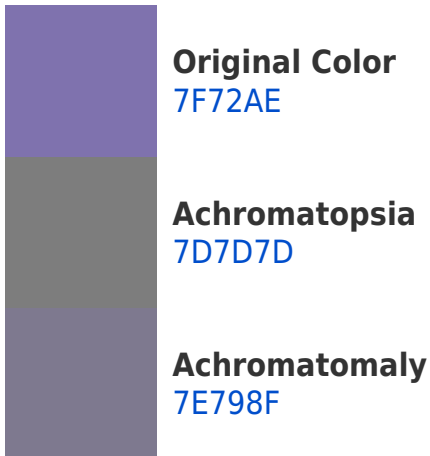


Tritanopia
777A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F72AE 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 #7F72AE looks like.

```
.text, #text, p{  
    color:#7F72AE  
}
```

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 #7F72AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F72AE
}
```

Border

The CSS property to change the border of an element to Hex 7F72AE 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
#7F72AE }
```

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

```
.border{ border-color:#7F72AE }
```

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

Here you see how a box with a 4 pixel #7F72AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F72AE; -webkit-box-shadow:4px 4px  
4px 4px #7F72AE; box-shadow:4px 4px 4px  
4px #7F72AE }
```

Background

The CSS property to change the background color of an element to Hex 7F72AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F72AE }
```

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

```
.background{ background-color:#7F72AE }
```

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