

Converting Colors

Hex(7B78AF)

Have a look what the booklet for
Hex(7B78AF) contains.

Hex(7B78AF)	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(7B78AF)

Conversions

Conversions Part 1

Format	Color
Hex	7B78AF
RGB	123, 120, 175
RGB Percent	48%, 47%, 69%
CMY	0.5176, 0.5294, 0.3137
CMYK	0.30, 0.31, 0.00, 0.31
HSL	243°, 26%, 58%
HSV	243°, 31%, 69%
XYZ	22.6227, 20.7390, 43.3681
YIQ	127.1670, -15.8670, 17.7410

Conversions

Conversions Part 2

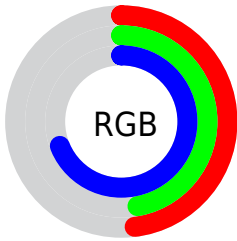
Format	Color
R_{YB}	123, 120, 175
Decimal	8091823
CIE _{Lab}	52.66, 13.90, -28.77
CIE _{LCh}	53, 31.952, 295.796
Yxy	20.7390, 0.2608, 0.2391
Android (android.graphics.Color)	4286281903 (0xFF7B78AF)
YUV	127.1670, 23.5817, -3.6545
Hunter-Lab	45.5401, 8.9772, -24.5841

Details

The Hex color **7B78AF** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ACAF78**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B1ACE7**, and **48487A** is the 20% darker color. If you saturate the color by 10%, you get **6A66AF**, and if you desaturate by 10%, it is **8C8AAF**.

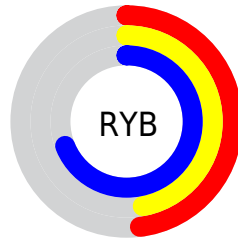
Distribution



Red (48%)

Green (47%)

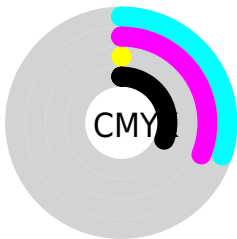
Blue (69%)



Red (48%)

Yellow (47%)

Blue (69%)

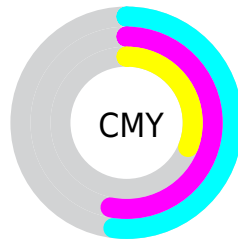


Cyan (30%)

Magenta (31%)

Yellow (0%)

Black (31%)



Cyan (52%)

Magenta (53%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B78AF 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 7B78AF by changing the saturation by 10% instead.



7B78AF



7B78AF

FFFFFF



615F94



B1ACE7



48487A



CDC8FF



303161



E9E4FF



171C49



010332



00021D



000000



7B78AF



7B78AF



6A66AF



8C8AAF

■ 5A55AF

■ 9C9BAF

■ 4944AF

■ ADADAF

■ 3932AF

■ BDBEAF

■ 2821AF

■ CED0AF

■ 180FAF

■ DEE1AF

■ 0A00AF

■ EFF3AF

■ FFFFAF

Harmonies

Analogous

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



4D82B4



7B78AF



9D6E9D

Triad

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



7B78AF



A87151



308C79

Complementary

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



7B78AF



ACAF78

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.



57895E



7B78AF



937B46

Square

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



7B78AF



B26A67



77834B



008C95

Rectangle

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



7B78AF



AB6A8C



77834B



3E8B6F

Sweetspot

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



7B78AF



D0CFE3



78ACAF



676673



F2F2F2



737373

Same Dimension

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



7B78AF



918DE3



9678AF



4F4E57



080096



010017

Inverse Universe

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



AF78AC



E38DDE



91AF78



574E56



96008E



170016

Previews

White Background



This preview shows how the Hex color 7B78AF looks on a white background.

Color Contrast Check

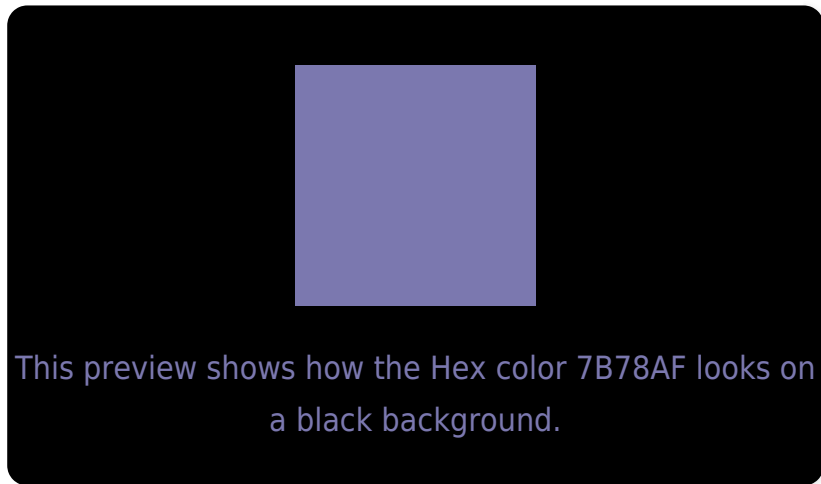
Large Text (above 18pt) WCAG AA ✓ Pass

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

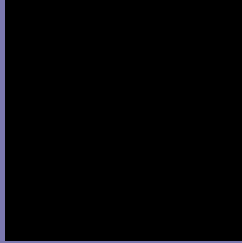
Any Text WCAG AA ✓ Pass

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 7B78AF Background



This preview shows how black text looks on a background with the Hex color 7B78AF.



This preview shows how white text looks on a background with the Hex color 7B78AF.

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
7B78AF

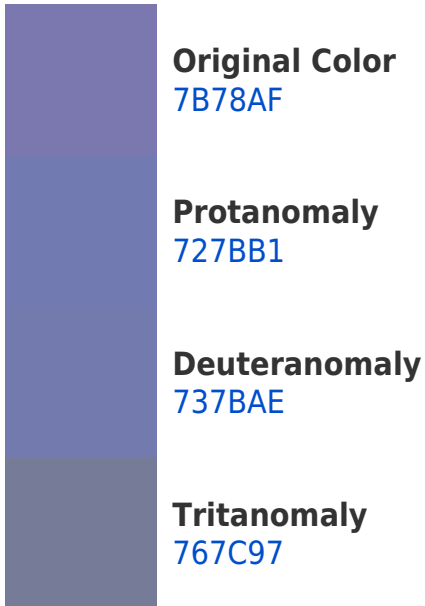
Protanopia
6D7CB2

Deuteranopia
6E7CAE

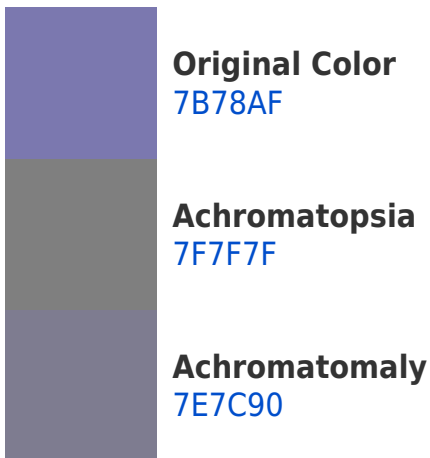


Tritanopia
737F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B78AF 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 #7B78AF looks like.

```
.text, #text, p{  
    color:#7B78AF  
}
```

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 #7B78AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B78AF
}
```

Border

The CSS property to change the border of an element to Hex 7B78AF 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
#7B78AF }
```

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

```
.border{ border-color:#7B78AF }
```

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

Here you see how a box with a 4 pixel #7B78AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B78AF; -webkit-box-shadow:4px 4px  
4px 4px #7B78AF; box-shadow:4px 4px 4px  
4px #7B78AF }
```

Background

The CSS property to change the background color of an element to Hex 7B78AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B78AF }
```

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

```
.background{ background-color:#7B78AF }
```

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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