

Converting Colors

Hex(7C83AE)

Have a look what the booklet for
Hex(7C83AE) contains.

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Color

Hex(7C83AE)

Conversions

Conversions Part 1

Format	Color
Hex	7C83AE
RGB	124, 131, 174
RGB Percent	49%, 51%, 68%
CMY	0.5137, 0.4863, 0.3176
CMYK	0.29, 0.25, 0.00, 0.32
HSL	232°, 24%, 58%
HSV	232°, 29%, 68%
XYZ	24.0685, 23.5737, 43.3260
YIQ	133.8090, -17.9750, 11.8890

Conversions

Conversions Part 2

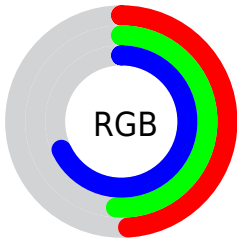
Format	Color
RYB	124, 130, 174
Decimal	8160174
CIELab	55.66, 7.46, -23.56
CIELCh	56, 24.708, 287.567
Yxy	23.5737, 0.2646, 0.2591
Android (android.graphics.Color)	4286350254 (0xFF7C83AE)
YUV	133.8090, 19.8142, -8.6025
Hunter-Lab	48.5527, 3.5184, -18.9205

Details

The Hex color **7C83AE** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AEA77C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B2B8E6**, and **4A5279** is the 20% darker color. If you saturate the color by 10%, you get **6B74AE**, and if you desaturate by 10%, it is **8D92AE**.

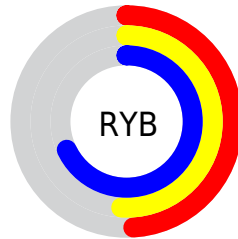
Distribution



Red (49%)

Green (51%)

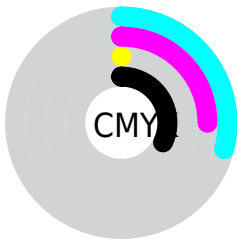
Blue (68%)



Red (49%)

Yellow (51%)

Blue (68%)

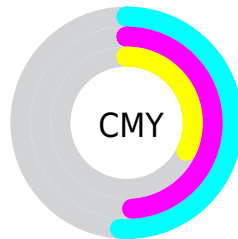


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (32%)



Cyan (51%)

Magenta (49%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C83AE 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 7C83AE by changing the saturation by 10% instead.

■ 7C83AE

■ 7C83AE

FFFFFF

■ 626A93

■ B2B8E6

■ 4A5279

■ CDD4FF

■ 313B60

■ EAF0FF

■ 192549

■ 011132

■ 00021D

■ 000000

■ 7C83AE

■ 7C83AE

■ 6B74AE

■ 8D92AE

■ 5965AE

■ 9FA1AE

■ 4856AE

■ B0B0AE

■ 3647AE

■ C2BFAE

■ 2538AE

■ D3CEAE

■ 1429AE

■ E4DDAE

■ 021AAE

■ F6ECAE

■ 0018AE

■ FFFBAE

■ FFFF AE

Harmonies

Analogous

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



5D8AAF



7C83AE



987CA2

Triad

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



7C83AE



AB7A67



57917B

Complementary

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



7C83AE



AEA77C

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.



6F8D68



7C83AE



9D815C

Square

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



7C83AE



B07679



88885C



449191

Rectangle

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



7C83AE



A57896



88885C



5F9074

Sweetspot

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



7C83AE



CFD1E3



7CAEA6



666873



F2F2F2



737373

Same Dimension

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



7C83AE



96A1E3



8D7CAE



4E4F57



001596



000317

Inverse Universe

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



AE7C83



E396A1



9CAE7C



574E4F



960015



170003

Previews

White Background



This preview shows how the Hex color 7C83AE looks on a white background.

Color Contrast Check

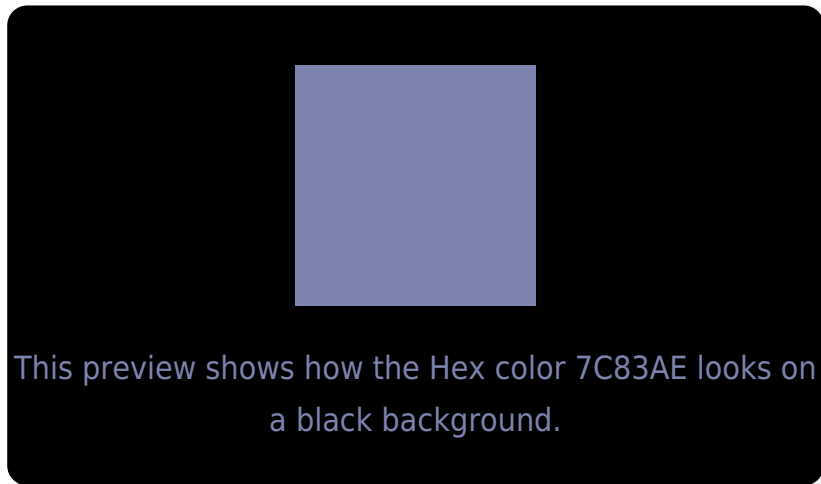
Large Text (above 18pt) WCAG AA ✓ Pass

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

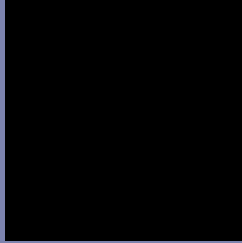
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

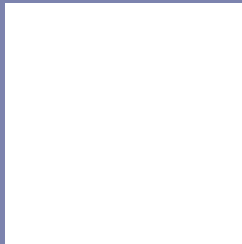
Any Text WCAG AAA × Fail

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

Hex 7C83AE Background



This preview shows how black text looks on a background with the Hex color 7C83AE.



This preview shows how white text looks on a background with the Hex color 7C83AE.

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

7C83AE

Protanopia

7A84AE

Deuteranopia

7C83AE



Tritanopia
768893

Trichromacy



Original Color
7C83AE

Protanomaly
7B84AE

Deuteranomaly
7C83AE

Tritanomaly
78869D

Monochromacy



Original Color
7C83AE

Achromatopsia
868686

Achromatomaly
828595

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C83AE 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 #7C83AE looks like.

```
.text, #text, p{  
    color:#7C83AE  
}
```

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 #7C83AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C83AE
}
```

Border

The CSS property to change the border of an element to Hex 7C83AE 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
#7C83AE }
```

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

```
.border{ border-color:#7C83AE }
```

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

Here you see how a box with a 4 pixel #7C83AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C83AE; -webkit-box-shadow:4px 4px  
4px 4px #7C83AE; box-shadow:4px 4px 4px  
4px #7C83AE }
```

Background

The CSS property to change the background color of an element to Hex 7C83AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C83AE }
```

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

```
.background{ background-color:#7C83AE }
```

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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