

Converting Colors

Hex(7783AB)

Have a look what the booklet for
Hex(7783AB) contains.

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Color

Hex(7783AB)

Conversions

Conversions Part 1

Format	Color
Hex	7783AB
RGB	119, 131, 171
RGB Percent	47%, 51%, 67%
CMY	0.5333, 0.4863, 0.3294
CMYK	0.30, 0.23, 0.00, 0.33
HSL	226°, 24%, 57%
HSV	226°, 30%, 67%
XYZ	23.0747, 23.0948, 41.7697
YIQ	131.9720, -19.9920, 9.8960

Conversions

Conversions Part 2

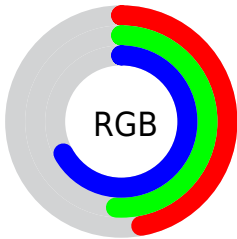
Format	Color
RYB	119, 129, 171
Decimal	7832491
CIELab	55.17, 5.15, -22.61
CIELCh	55, 23.194, 282.825
Yxy	23.0948, 0.2624, 0.2626
Android (android.graphics.Color)	4286022571 (0xFF7783AB)
YUV	131.9720, 19.2408, -11.3764
Hunter-Lab	48.0571, 1.6074, -17.8930

Details

The Hex color **7783AB** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AB9F77**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **ACB8E2**, and **455277** is the 20% darker color. If you saturate the color by 10%, you get **6676AB**, and if you desaturate by 10%, it is **8890AB**.

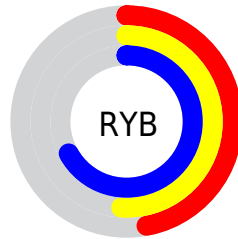
Distribution



Red (47%)

Green (51%)

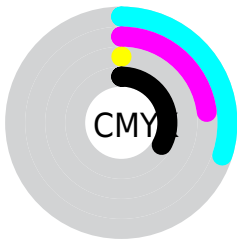
Blue (67%)



Red (47%)

Yellow (51%)

Blue (67%)

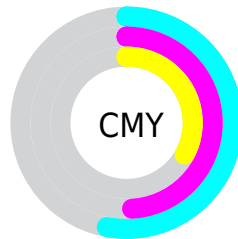


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (49%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7783AB 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 7783AB by changing the saturation by 10% instead.

■ 7783AB

■ 7783AB

FFFFFF

■ 5D6A90

■ ACB8E2

■ 455277

■ C8D3FF

■ 2C3B5E

■ E4F0FF

■ 142546

■ 00112F

■ 00011A

■ 000000

■ 7783AB

■ 7783AB

■ 6676AB

■ 8890AB

■ 5569AB

■ 999DAB

■ 445CAB

■ AAAAAAB

■ 334EAB

■ BBB8AB

■ 2141AB

■ CCC5AB

■ 1034AB

■ DED2AB

■ 0027AB

■ EFDFAB

■ FFECAB

■ FFF9AB

Harmonies

Analogous

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



5B89AA



7783AB



927CA2

Triad

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



7783AB



A9796A



5C8E78

Complementary

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



7783AB



AB9F77

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.



738B66



7783AB



9D7F5E

Square

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



7783AB



AD757C



8A865D



4A8F8C

Rectangle

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



7783AB



9F7897



8A865D



648E71

Sweetspot

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



7783AB



CACEDE



77AB9F



646770



F0F0F0



707070

Same Dimension

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



7783AB



8EA0DE



8577AB



4E5057



002396



000517

Inverse Universe

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



AB7783



DE8EA0



9DAB77



574E50



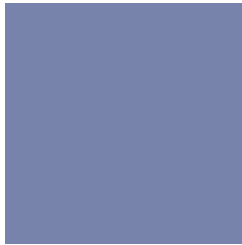
960023



170005

Previews

White Background



This preview shows how the Hex color 7783AB looks on a white background.

Color Contrast Check

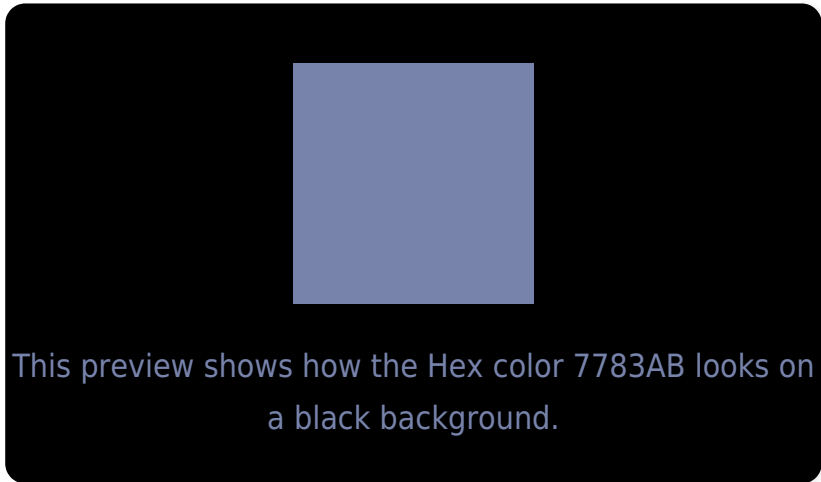
Large Text (above 18pt) WCAG AA ✓ Pass

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

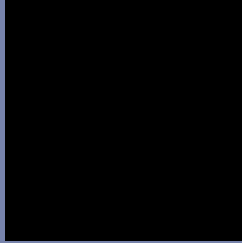
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

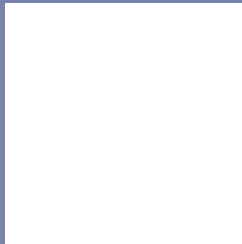
Any Text WCAG AAA × Fail

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

Hex 7783AB Background



This preview shows how black text looks on a background with the Hex color 7783AB.



This preview shows how white text looks on a background with the Hex color 7783AB.

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
7783AB

Protanopia
7982AB

Deuteranopia
7C82AB



Tritanopia
728792

Trichromacy



Original Color
7783AB

Protanomaly
7882AB

Deuteranomaly
7A82AB

Tritanomaly
74869B

Monochromacy



Original Color
7783AB

Achromatopsia
848484

Achromatomaly
7F8492

CSS Examples

Text

The CSS property to change the color of the text to Hex 7783AB 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 #7783AB looks like.

```
.text, #text, p{  
    color:#7783AB  
}
```

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 #7783AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7783AB
}
```

Border

The CSS property to change the border of an element to Hex 7783AB 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".

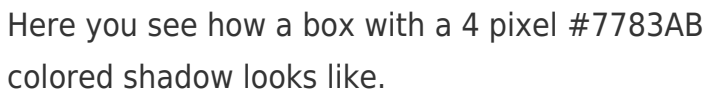
```
.border, #border, table{ border:4px solid
#7783AB }
```

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

```
.border{ border-color:#7783AB }
```

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

Here you see how a box with a 4 pixel #7783AB colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7783AB; -webkit-box-shadow:4px 4px  
4px 4px #7783AB; box-shadow:4px 4px 4px  
4px #7783AB }
```

Background

The CSS property to change the background color of an element to Hex 7783AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7783AB }
```

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

```
.background{ background-color:#7783AB }
```

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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