

Converting Colors

Hex(7985AC)

Have a look what the booklet for
Hex(7985AC) contains.

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Color

Hex(7985AC)

Conversions

Conversions Part 1

Format	Color
Hex	7985AC
RGB	121, 133, 172
RGB Percent	47%, 52%, 67%
CMY	0.5255, 0.4784, 0.3255
CMYK	0.30, 0.23, 0.00, 0.33
HSL	226°, 24%, 57%
HSV	226°, 30%, 67%
XYZ	23.7191, 23.8186, 42.3770
YIQ	133.8580, -19.6710, 9.5850

Conversions

Conversions Part 2

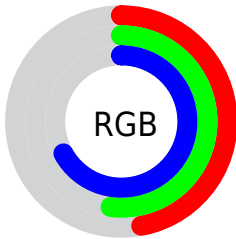
Format	Color
R_{YB}	121, 131, 172
Decimal	7964076
CIE _{Lab}	55.91, 4.85, -22.05
CIE _{LCh}	56, 22.575, 282.415
Yxy	23.8186, 0.2638, 0.2649
Android (android.graphics.Color)	4286154156 (0xFF7985AC)
YUV	133.8580, 18.8040, -11.2765
Hunter-Lab	48.8043, 1.3443, -17.3189

Details

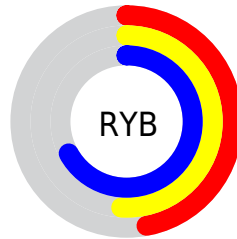
The Hex color **7985AC** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **ACA079**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **AEBAE3**, and **475478** is the 20% darker color. If you saturate the color by 10%, you get **6878AC**, and if you desaturate by 10%, it is **8A92AC**.

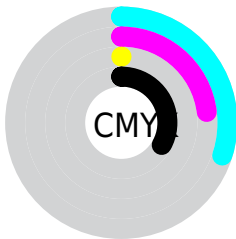
Distribution



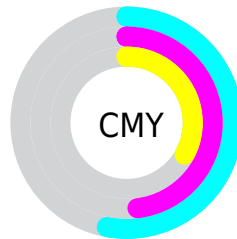
- Red (47%)
- Green (52%)
- Blue (67%)



- Red (47%)
- Yellow (51%)
- Blue (67%)



- Cyan (30%)
- Magenta (23%)
- Yellow (0%)
- Black (33%)



- Cyan (53%)
- Magenta (48%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7985AC 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 7985AC by changing the saturation by 10% instead.

■ 7985AC

■ 7985AC

FFFFFF

■ 5F6C91

■ AEBAE3

■ 475478

■ CAD6FF

■ 2E3D5F

■ E7F2FF

■ 162747

■ 001330

■ 00011B

■ 000000

■ 7985AC

■ 7985AC

■ 6878AC

■ 8A92AC

■ 576BAC

■ 9B9FAC

■ 455EAC

■ ADACAC

■ 3450AC

■ BEBAAC

■ 2343AC

■ CFC7AC

■ 1236AC

■ E0D4AC

■ 0129AC

■ F1E1AC

■ 0028AC

■ FFEEAC

■ FFFBAC

Harmonies

Analogous

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



5E8BAB



7985AC



937EA3

Triad

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



7985AC



AB7B6C



609079

Complementary

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



7985AC



ACA079

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.



768D69



7985AC



9E8161

Square

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



7985AC



AE787E



8C8760



4E918E

Rectangle

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



7985AC



A17A98



8C8760



678F73

Sweetspot

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



7985AC



CCD1E0



79AC9F



646770



F0F0F0



707070

Same Dimension

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



7985AC



90A3E0



8679AC



4E5057



002396



000517

Inverse Universe

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



AC7985



E090A3



9FAC79



574E50



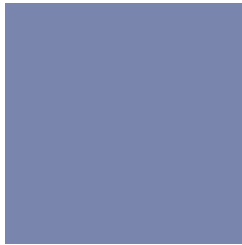
960023



170005

Previews

White Background



This preview shows how the Hex color 7985AC looks on a white background.

Color Contrast Check

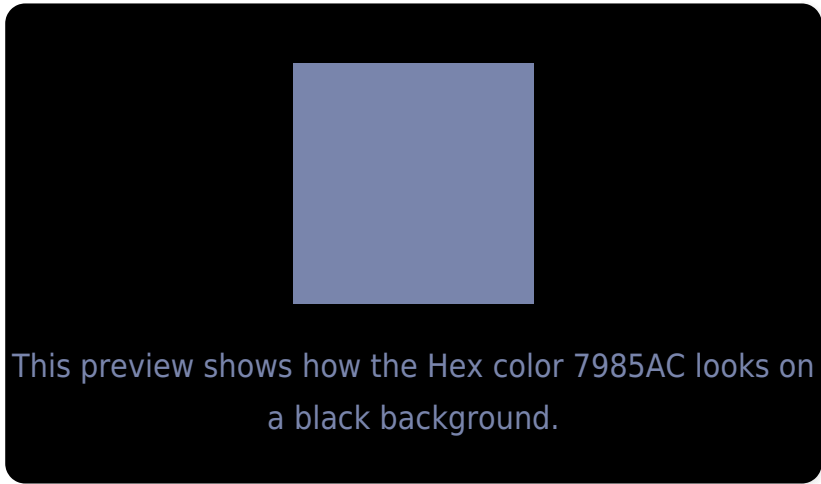
Large Text (above 18pt) WCAG AA ✓ Pass

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

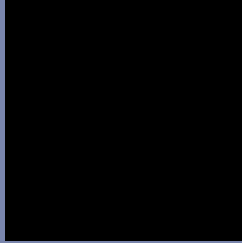
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

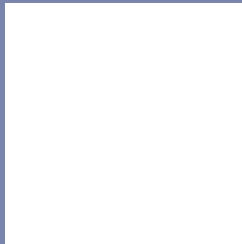
Any Text WCAG AAA × Fail

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

Hex 7985AC Background



This preview shows how black text looks on a background with the Hex color 7985AC.



This preview shows how white text looks on a background with the Hex color 7985AC.

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
7985AC

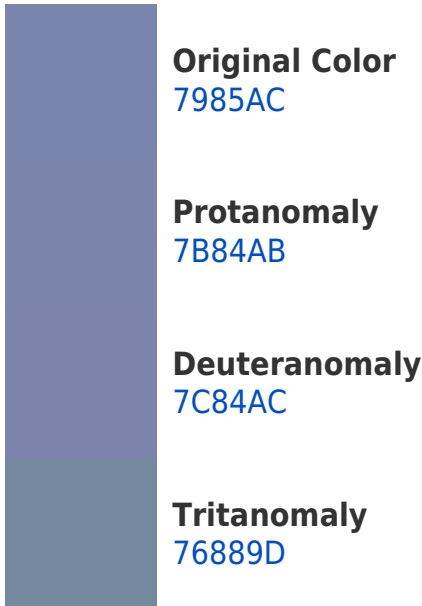
Protanopia
7C84AB

Deuteranopia
7E83AC

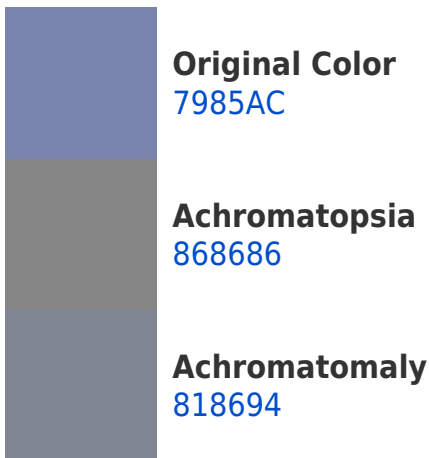


Tritanopia
748994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7985AC 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 #7985AC looks like.

```
.text, #text, p{  
    color:#7985AC  
}
```

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 #7985AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7985AC
}
```

Border

The CSS property to change the border of an element to Hex 7985AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

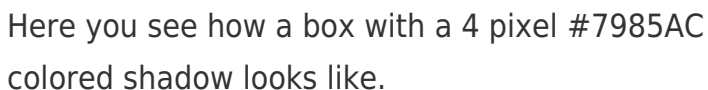
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7985AC }
```

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

```
.border{ border-color:#7985AC }
```

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



Here you see how a box with a 4 pixel #7985AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7985AC; -webkit-box-shadow:4px 4px  
4px 4px #7985AC; box-shadow:4px 4px 4px  
4px #7985AC }
```

Background

The CSS property to change the background color of an element to Hex 7985AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7985AC }
```

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

```
.background{ background-color:#7985AC }
```

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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