

Converting Colors

Hex(7783C6)

Have a look what the booklet for
Hex(7783C6) contains.

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Color

Hex(7783C6)

Conversions

Conversions Part 1

Format	Color
Hex	7783C6
RGB	119, 131, 198
RGB Percent	47%, 51%, 78%
CMY	0.5333, 0.4863, 0.2235
CMYK	0.40, 0.34, 0.00, 0.22
HSL	231°, 41%, 62%
HSV	231°, 40%, 78%
XYZ	25.9171, 24.2318, 56.7373
YIQ	135.0500, -28.6590, 18.2930

Conversions

Conversions Part 2

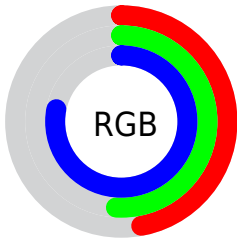
Format	Color
R _Y B	119, 129, 198
Decimal	7832518
CIE Lab	56.32, 12.51, -36.25
CIE LCh	56, 38.350, 289.037
Yxy	24.2318, 0.2425, 0.2267
Android (android.graphics.Color)	4286022598 (0xFF7783C6)
YUV	135.0500, 31.0344, -14.0758
Hunter-Lab	49.2258, 7.8342, -33.8792

Details

The Hex color **7783C6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C6BA77**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **AEB8FF**, and **425290** is the 20% darker color. If you saturate the color by 10%, you get **6372C6**, and if you desaturate by 10%, it is **8B94C6**.

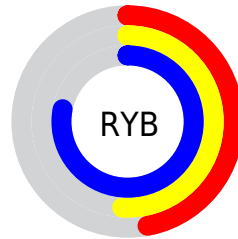
Distribution



Red (47%)

Green (51%)

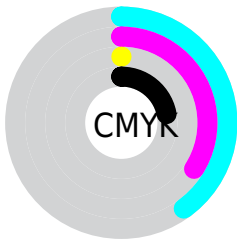
Blue (78%)



Red (47%)

Yellow (51%)

Blue (78%)

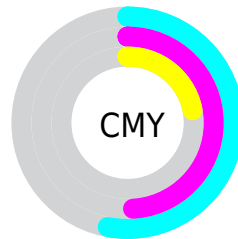


Cyan (40%)

Magenta (34%)

Yellow (0%)

Black (22%)



Cyan (53%)

Magenta (49%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7783C6 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 7783C6 by changing the saturation by 10% instead.

■ 7783C6

■ 7783C6

FFFFFF

■ 5C6AAB

■ AEB8FF

■ 425290

■ CAD3FF

■ 263B76

■ E7F0FF

■ 01265D

■ 001245

■ 00042E

■ 000118

■ 000000

■ 7783C6

■ 7783C6

■ 6372C6

■ 8B94C6

■ 4F61C6

■ 9FA5C6

■ 3C51C6

■ B2B5C6

■ 2840C6

■ C6C6C6

■ 142FC6

■ DAD7C6

■ 001EC6

■ EEE8C6

■ FFF9C6

■ FFFFC6

Harmonies

Analogous

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



328EC8



7783C6



A476B3

Triad

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



7783C6



BD7556



2C9879

Complementary

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



7783C6



C6BA77

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.



60935A



7783C6



A68145

Square

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



7783C6



C76D73



878C46



00989C

Rectangle

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



7783C6



B86FA0



878C46



41976E

Sweetspot

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



7783C6



E0E5FF



77C6B9



6E7080



000000



808080

Same Dimension

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



7783C6



8597FF



9177C6



5A5B63



0019A3



000524

Inverse Universe

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



C67783



FF8597



ACC677



635A5B



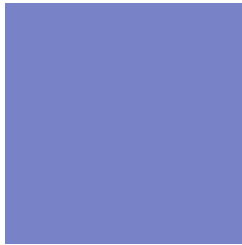
A30019



240005

Previews

White Background



This preview shows how the Hex color 7783C6 looks on a white background.

Color Contrast Check

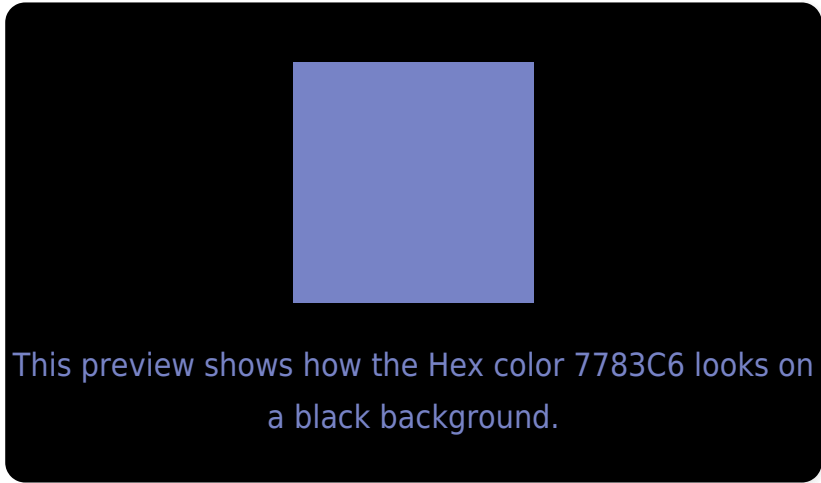
Large Text (above 18pt) WCAG AA ✓ Pass

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

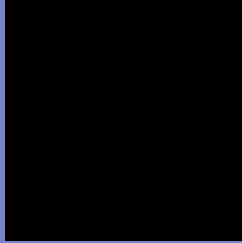
Any Text WCAG AA ✓ Pass

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 7783C6 Background



This preview shows how black text looks on a background with the Hex color 7783C6.



This preview shows how white text looks on a background with the Hex color 7783C6.

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
7783C6

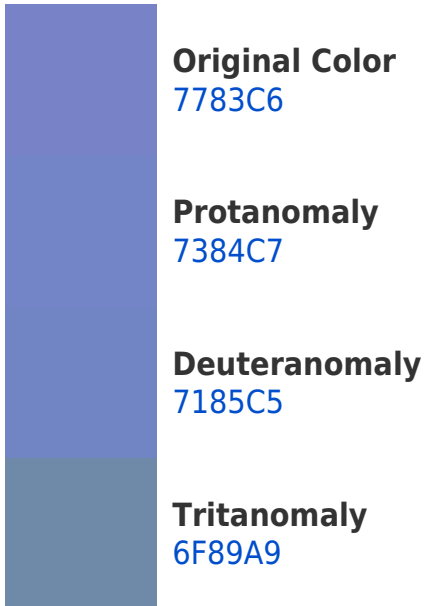
Protanopia
7085C7

Deuteranopia
6D86C5



Tritanopia
6B8C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7783C6 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 #7783C6 looks like.

```
.text, #text, p{  
    color:#7783C6  
}
```

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 #7783C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7783C6
}
```

Border

The CSS property to change the border of an element to Hex 7783C6 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
#7783C6 }
```

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

```
.border{ border-color:#7783C6 }
```

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

Here you see how a box with a 4 pixel #7783C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7783C6; -webkit-box-shadow:4px 4px  
4px 4px #7783C6; box-shadow:4px 4px 4px  
4px #7783C6 }
```

Background

The CSS property to change the background color of an element to Hex 7783C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7783C6 }
```

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

```
.background{ background-color:#7783C6 }
```

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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