

Converting Colors

Hex(7783BE)

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

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Color

Hex(7783BE)

Conversions

Conversions Part 1

Format	Color
Hex	7783BE
RGB	119, 131, 190
RGB Percent	47%, 51%, 75%
CMY	0.5333, 0.4863, 0.2549
CMYK	0.37, 0.31, 0.00, 0.25
HSL	230°, 35%, 61%
HSV	230°, 37%, 75%
XYZ	25.0183, 23.8722, 52.0044
YIQ	134.1380, -26.0910, 15.8050

Conversions

Conversions Part 2

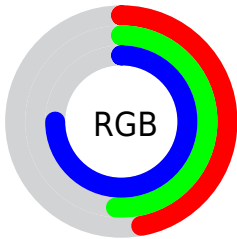
Format	Color
R_{YB}	119, 129, 190
Decimal	7832510
CIE _{Lab}	55.96, 10.27, -32.27
CIE _{LCh}	56, 33.861, 287.650
Yxy	23.8722, 0.2480, 0.2366
Android (android.graphics.Color)	4286022590 (0xFF7783BE)
YUV	134.1380, 27.5400, -13.2760
Hunter-Lab	48.8592, 5.8971, -28.9052

Details

The Hex color **7783BE** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **BEB277**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **ADB8F7**, and **435288** is the 20% darker color. If you saturate the color by 10%, you get **6473BE**, and if you desaturate by 10%, it is **8A93BE**.

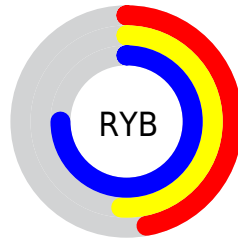
Distribution



Red (47%)

Green (51%)

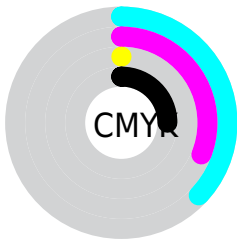
Blue (75%)



Red (47%)

Yellow (51%)

Blue (75%)

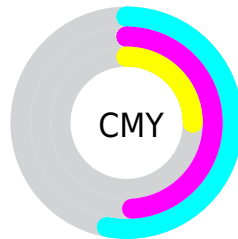


Cyan (37%)

Magenta (31%)

Yellow (0%)

Black (25%)



Cyan (53%)

Magenta (49%)

Yellow (25%)

Brightness & Saturation Gradients

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

■ 7783BE

■ 7783BE

FFFFFF

■ 5D6AA3

■ ADB8F7

■ 435288

■ C9D3FF

■ 283B6F

■ E6F0FF

■ 082656

■ 00113E

■ 000328

■ 000112

■ 000000

■ 7783BE

■ 7783BE

■ 6473BE

■ 8A93BE

■ 5163BE

■ 9DA3BE

■ 3E54BE

■ B0B2BE

■ 2B44BE

■ C3C2BE

■ 1834BE

■ D6D2BE

■ 0524BE

■ E9E2BE

■ 0020BE

■ FCF2BE

■ FFFFBE

Harmonies

Analogous

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



428DBF



7783BE



9F78AE

Triad

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



7783BE



B8765C



3F9579

Complementary

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



7783BE



BEB277

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.



66915D



7783BE



A4804C

Square

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



7783BE



BF6F76



888A4D



009697

Rectangle

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



7783BE



B1729D



888A4D



4D946F

Sweetspot

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



7783BE



DCE1F7



77BEB1



6D6F7D



FCFCFC



7D7D7D

Same Dimension

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



7783BE



889BF7



8D77BE



55575E



001B9E



00051F

Inverse Universe

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



BE7783



F7889B



A8BE77



5E5557



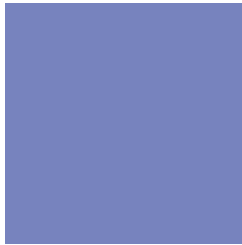
9E001B



1F0005

Previews

White Background



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

Color Contrast Check

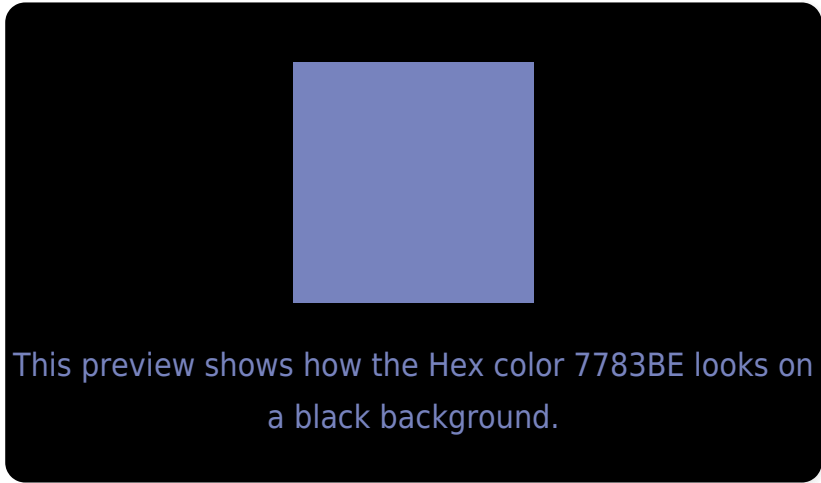
Large Text (above 18pt) WCAG AA ✓ Pass

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 7783BE Background



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



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

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
7783BE

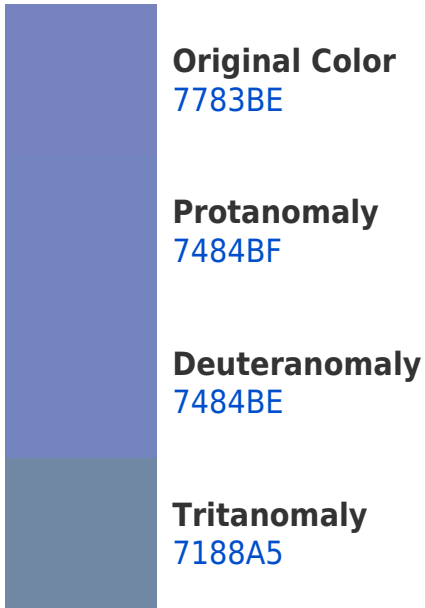
Protanopia
7384BF

Deuteranopia
7285BE



Tritanopia
6D8B96

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7783BE colored shadow looks like.

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

Border

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

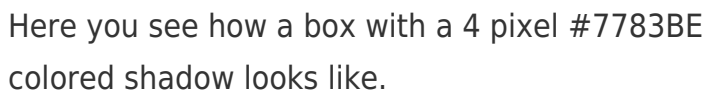
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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