

Converting Colors

Hex(7683BB)

Have a look what the booklet for
Hex(7683BB) contains.

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Color

Hex(7683BB)

Conversions

Conversions Part 1

Format	Color
Hex	7683BB
RGB	118, 131, 187
RGB Percent	46%, 51%, 73%
CMY	0.5373, 0.4863, 0.2667
CMYK	0.37, 0.30, 0.00, 0.27
HSL	229°, 34%, 60%
HSV	229°, 37%, 73%
XYZ	24.5572, 23.6720, 50.2886
YIQ	133.4970, -25.7240, 14.6600

Conversions

Conversions Part 2

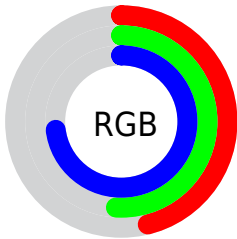
Format	Color
R_{YB}	118, 129, 187
Decimal	7766971
CIE _{Lab}	55.76, 9.16, -30.88
CIE _{LCh}	56, 32.205, 286.516
Yxy	23.6720, 0.2493, 0.2403
Android (android.graphics.Color)	4285957051 (0xFF7683BB)
YUV	133.4970, 26.3770, -13.5909
Hunter-Lab	48.6539, 4.9503, -27.2243

Details

The Hex color **7683BB** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **BBAE76**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **ACB8F3**, and **425286** is the 20% darker color. If you saturate the color by 10%, you get **6374BB**, and if you desaturate by 10%, it is **8992BB**.

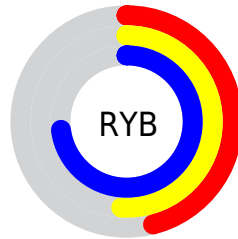
Distribution



Red (46%)

Green (51%)

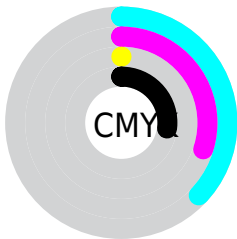
Blue (73%)



Red (46%)

Yellow (51%)

Blue (73%)

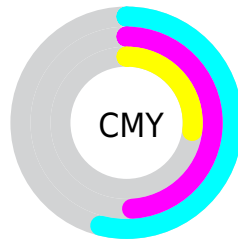


Cyan (37%)

Magenta (30%)

Yellow (0%)

Black (27%)



Cyan (54%)

Magenta (49%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7683BB 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 7683BB by changing the saturation by 10% instead.

■ 7683BB

■ 7683BB

FFFFFF

■ 5C6AA0

■ ACB8F3

■ 425286

■ C8D3FF

■ 283B6C

■ E5F0FF

■ 092653

■ 00113C

■ 000226

■ 00010F

■ 000000

■ 7683BB

■ 7683BB

6374BB

8992BB

5165BB

9BA1BB

3E55BB

AEB1BB

2B46BB

C1C0BB

1937BB

D4CFBB

0628BB

E6DEBB

0023BB

F9EDBB

FFFCBB

FFFFBB

Harmonies

Analogous

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



468CBB



7683BB



9C79AC

Triad

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



7683BB



B5765E



459478

Complementary

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



7683BB



BBAE76

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.



69905E



7683BB



A3804F

Square

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



7683BB



BC7077



88894F



179495

Rectangle

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



7683BB



AE739C



88894F



51936E

Sweetspot

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



7683BB



D8DDF2



76BBAD



6A6D7A



FAFAFA



7A7A7A

Same Dimension

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



7683BB



889CF2



8B76BB



55575E



001E9E



00061F

Inverse Universe

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



BB7683



F2889C



A6BB76



5E5557



9E001E



1F0006

Previews

White Background



This preview shows how the Hex color 7683BB looks on a white background.

Color Contrast Check

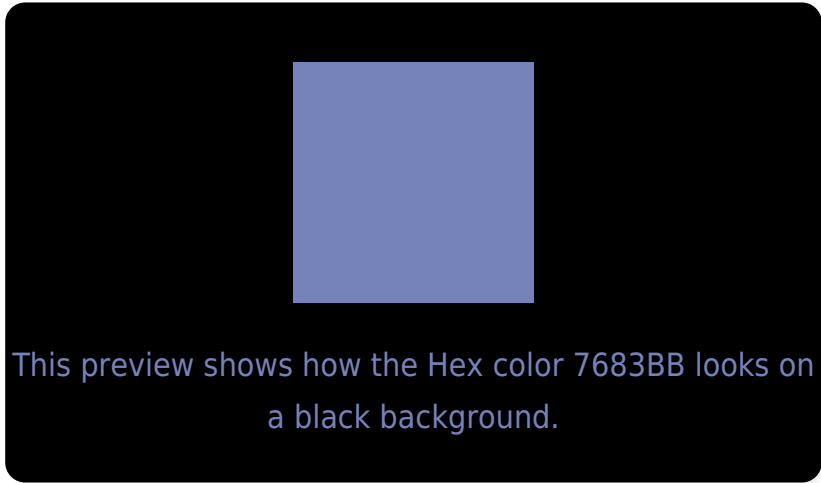
Large Text (above 18pt) WCAG AA ✓ Pass

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

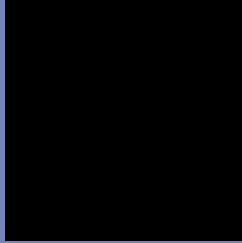
Any Text WCAG AA ✓ Pass

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 7683BB Background



This preview shows how black text looks on a background with the Hex color 7683BB.



This preview shows how white text looks on a background with the Hex color 7683BB.

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


7683BB

Protanopia

7483BB

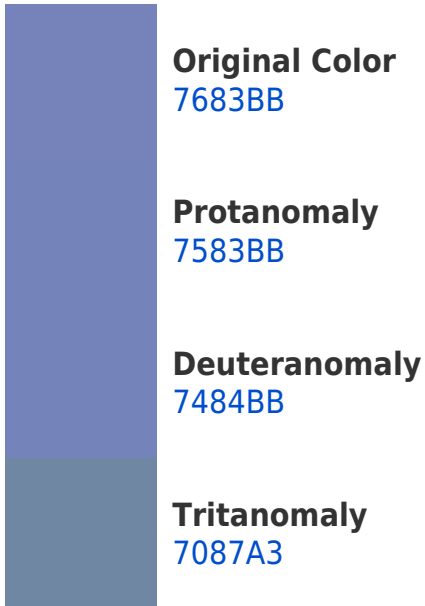
Deuteranopia

7384BB



Tritanopia
6D8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7683BB 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 #7683BB looks like.

```
.text, #text, p{  
    color:#7683BB  
}
```

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 #7683BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7683BB
}
```

Border

The CSS property to change the border of an element to Hex 7683BB 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
#7683BB }
```

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

```
.border{ border-color:#7683BB }
```

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

Here you see how a box with a 4 pixel #7683BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7683BB; -webkit-box-shadow:4px 4px  
4px 4px #7683BB; box-shadow:4px 4px 4px  
4px #7683BB }
```

Background

The CSS property to change the background color of an element to Hex 7683BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7683BB }
```

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

```
.background{ background-color:#7683BB }
```

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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