

Converting Colors

Hex(7685BF)

Have a look what the booklet for
Hex(7685BF) contains.

Hex(7685BF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7685BF)

Conversions

Conversions Part 1

Format	Color
Hex	7685BF
RGB	118, 133, 191
RGB Percent	46%, 52%, 75%
CMY	0.5373, 0.4784, 0.2510
CMYK	0.38, 0.30, 0.00, 0.25
HSL	228°, 36%, 61%
HSV	228°, 38%, 75%
XYZ	25.2627, 24.3882, 52.6661
YIQ	135.1270, -27.5580, 14.8580

Conversions

Conversions Part 2

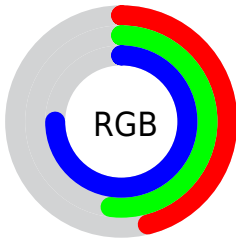
Format	Color
R_{YB}	118, 130, 191
Decimal	7767487
CIE _{Lab}	56.47, 9.09, -32.04
CIE _{LCh}	56, 33.304, 285.836
Yxy	24.3882, 0.2469, 0.2384
Android (android.graphics.Color)	4285957567 (0xFF7685BF)
YUV	135.1270, 27.5454, -15.0204
Hunter-Lab	49.3844, 4.8894, -28.6609

Details

The Hex color **7685BF** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **BFB076**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **ACBAF8**, and **425489** is the 20% darker color. If you saturate the color by 10%, you get **6376BF**, and if you desaturate by 10%, it is **8994BF**.

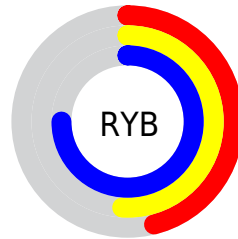
Distribution



Red (46%)

Green (52%)

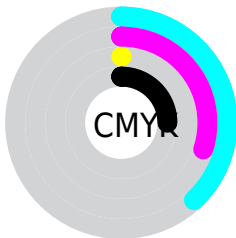
Blue (75%)



Red (46%)

Yellow (51%)

Blue (75%)

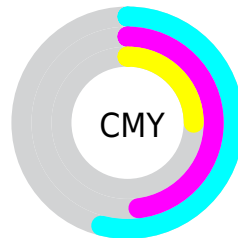


Cyan (38%)

Magenta (30%)

Yellow (0%)

Black (25%)



Cyan (54%)

Magenta (48%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7685BF 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 7685BF by changing the saturation by 10% instead.

■ 7685BF

■ 7685BF

FFFFFF

■ 5C6CA4

■ ACBAF8

■ 425489

■ C8D6FF

■ 273D70

■ E5F2FF

■ 052757

■ 00133F

■ 000329

■ 000113

■ 000000

■ 7685BF

■ 7685BF

■ 6376BF

■ 8994BF

■ 5067BF

■ 9CA3BF

■ 3D57BF

■ AFB3BF

■ 2A48BF

■ C2C2BF

■ 1739BF

■ D6D1BF

■ 032ABF

■ E9E0BF

■ 0027BF

■ FCEFBF

■ FFFEBF

■ FFFFBF

Harmonies

Analogous

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



428EBF



7685BF



9E7AB0

Triad

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



7685BF



B9775F



449678

Complementary

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



7685BF



BFB076

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.



6A925E



7685BF



A6814F

Square

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



7685BF



C07179



8B8B4F



0F9796

Rectangle

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



7685BF



B074A0



8B8B4F



52956F

Sweetspot

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



7685BF



DCE2F7



76BFAF



6D707D



FCFCFC



7D7D7D

Same Dimension

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



7685BF



869DF7



8B76BF



55575E



00209E



00061F

Inverse Universe

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



BF7685



F7869D



AABF76



5E5557



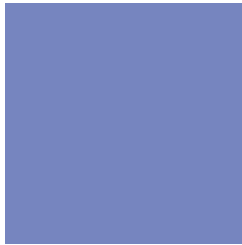
9E0020



1F0006

Previews

White Background



This preview shows how the Hex color 7685BF looks on a white background.

Color Contrast Check

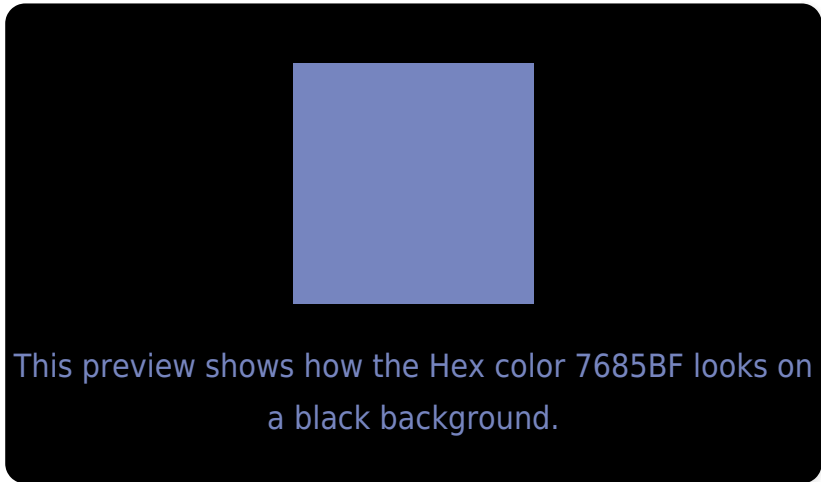
Large Text (above 18pt) WCAG AA ✓ Pass

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

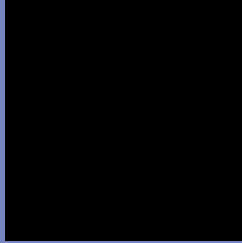
Any Text WCAG AA ✓ Pass

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 7685BF Background



This preview shows how black text looks on a background with the Hex color 7685BF.



This preview shows how white text looks on a background with the Hex color 7685BF.

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


7685BF

Protanopia

7585BF

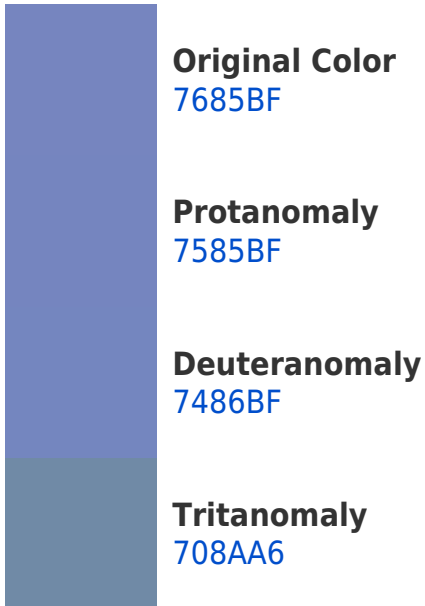
Deuteranopia

7386BF



Tritanopia
6C8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7685BF 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 #7685BF looks like.

```
.text, #text, p{  
    color:#7685BF  
}
```

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 #7685BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7685BF
}
```

Border

The CSS property to change the border of an element to Hex 7685BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

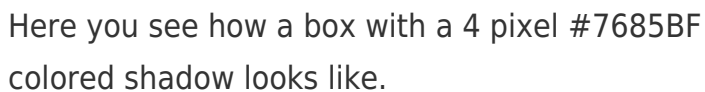
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7685BF }
```

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

```
.border{ border-color:#7685BF }
```

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



Here you see how a box with a 4 pixel #7685BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7685BF; -webkit-box-shadow:4px 4px  
4px 4px #7685BF; box-shadow:4px 4px 4px  
4px #7685BF }
```

Background

The CSS property to change the background color of an element to Hex 7685BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7685BF }
```

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

```
.background{ background-color:#7685BF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor