

# Converting Colors

Hex(7663AC)

Have a look what the booklet for  
Hex(7663AC) contains.

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# Color

**Hex(7663AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7663AC
RGB	118, 99, 172
RGB Percent	46%, 39%, 67%
CMY	0.5373, 0.6118, 0.3255
CMYK	0.31, 0.42, 0.00, 0.33
HSL	256°, 31%, 53%
HSV	256°, 42%, 67%
XYZ	19.3794, 15.7538, 41.0491
YIQ	113.0030, -12.1090, 26.7310

# Conversions

## Conversions Part 2

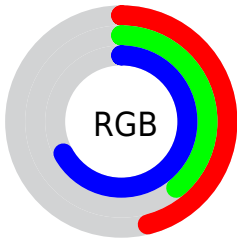
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 99, 172
Decimal	7758764
CIE <sub>Lab</sub>	46.65, 24.24, -36.46
CIE <sub>LCh</sub>	47, 43.789, 303.620
Yxy	15.7538, 0.2544, 0.2068
Android (android.graphics.Color)	4285948844 (0xFF7663AC)
YUV	113.0030, 29.0855, 4.3824
Hunter-Lab	39.6910, 17.6946, -33.5349

# Details

The Hex color **7663AC** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99AC63**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AC96E4**, and **423477** is the 20% darker color. If you saturate the color by 10%, you get **6952AC**, and if you desaturate by 10%, it is **8374AC**.

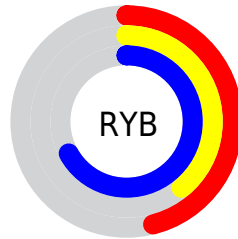
# Distribution



Red (46%)

Green (39%)

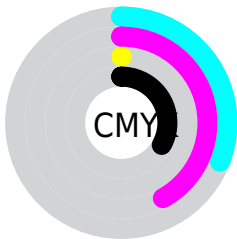
Blue (67%)



Red (46%)

Yellow (39%)

Blue (67%)

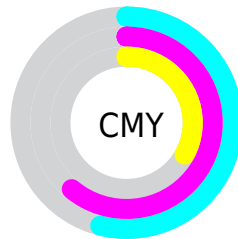


Cyan (31%)

Magenta (42%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (61%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7663AC 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 7663AC by changing the saturation by 10% instead.



■ 7663AC

■ 7663AC

FFFFFF

■ 5C4B91

■ AC96E4

■ 423477

■ C8B1FF

■ 291E5E

■ E4CCFF

■ 0D0A46

■ FFE9FF

■ 00002F

■ 000119

■ 000000

■ 7663AC

■ 7663AC

■ 6952AC

■ 8374AC

5D41AC

8F85AC

502FAC

9C97AC

431EAC

A9A8AC

360DAC

B6B9AC

2D00AC

C2CAAC

CFDBAC

DCEDAC

E9FEAC

# Harmonies

## Analogous

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



2871B8



7663AC



9F5490

# Triad

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



7663AC



9C612C



008172

# Complementary

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



7663AC



99AC63

# 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.



1F7E4C



7663AC



7E6E20

# Square

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



7663AC



AF5348



59782E



008096

# Rectangle

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



7663AC



AD4E78



59782E



008065



# Sweetspot

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



7663AC



CBC3E0



639AAC



635E70



F0F0F0



707070



# Same Dimension

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



7663AC



8C6EE0



9A63AC



504E57



270096



060017



# Inverse Universe

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



AC6399



E06EC3



75AC63



574E54



96006F



170011



# Previews

## White Background



This preview shows how the Hex color 7663AC looks on a white background.

## Color Contrast Check

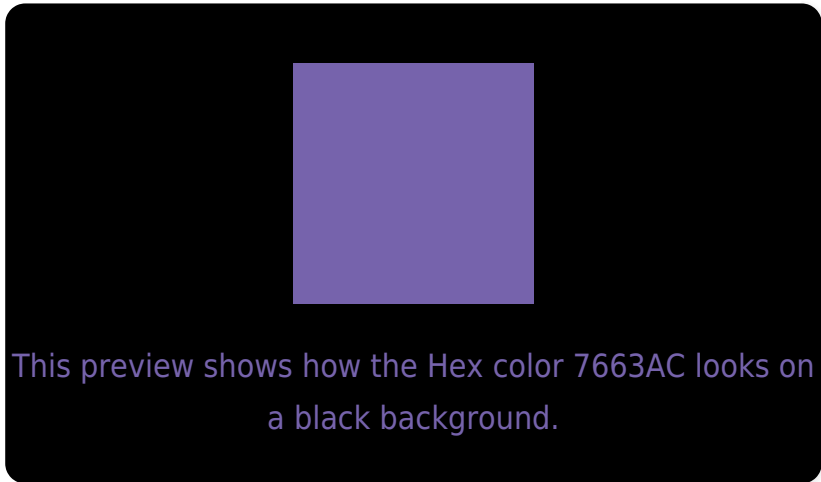
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 7663AC Background



This preview shows how black text looks on a background with the Hex color 7663AC.

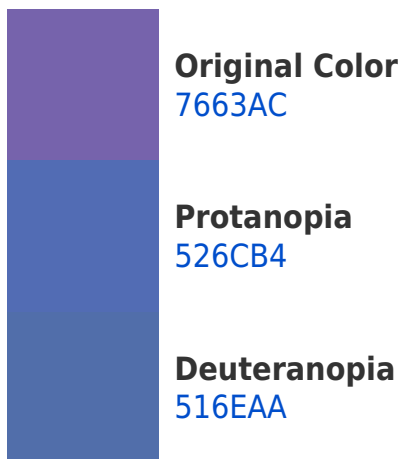


This preview shows how white text looks on a background with the Hex color 7663AC.

# 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](#).

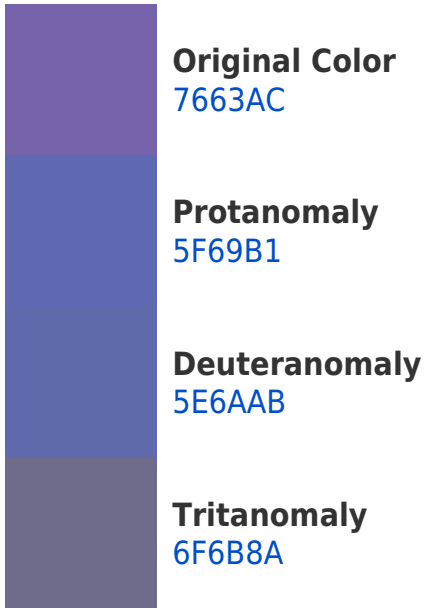
## Dichromacy



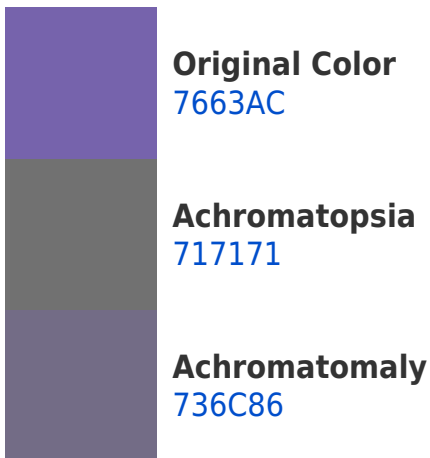


**Tritanopia**  
6B6F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7663AC 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 #7663AC looks like.

```
.text, #text, p{  
    color:#7663AC  
}
```

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 #7663AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7663AC
}
```

## Border

The CSS property to change the border of an element to Hex 7663AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

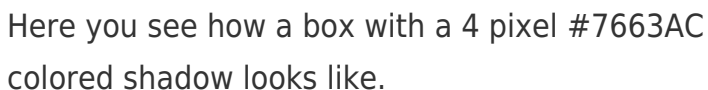
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7663AC }
```

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

```
.border{ border-color:#7663AC }
```

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



Here you see how a box with a 4 pixel #7663AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7663AC; -webkit-box-shadow:4px 4px  
4px 4px #7663AC; box-shadow:4px 4px 4px  
4px #7663AC }
```

# Background

The CSS property to change the background color of an element to Hex 7663AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7663AC }
```

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

```
.background{ background-color:#7663AC }
```

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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