

# Converting Colors

Hex(7570AA)

Have a look what the booklet for  
Hex(7570AA) contains.

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**Color**

**Hex(7570AA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7570AA
RGB	117, 112, 170
RGB Percent	46%, 44%, 67%
CMY	0.5412, 0.5608, 0.3333
CMYK	0.31, 0.34, 0.00, 0.33
HSL	245°, 25%, 55%
HSV	245°, 34%, 67%
XYZ	20.3860, 18.2725, 40.4827
YIQ	120.1070, -15.6380, 19.0980

# Conversions

## Conversions Part 2

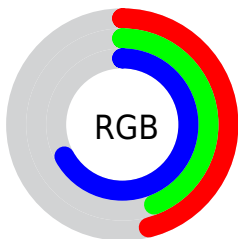
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	117, 112, 170
Decimal	7696554
CIE Lab	49.83, 15.57, -30.32
CIE LCh	50, 34.085, 297.176
Yxy	18.2725, 0.2576, 0.2309
Android (android.graphics.Color)	4285886634 (0xFF7570AA)
YUV	120.1070, 24.5972, -2.7248
Hunter-Lab	42.7464, 10.3215, -26.2278

# Details

The Hex color **7570AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A5AA70**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **AAA4E2**, and **424076** is the 20% darker color. If you saturate the color by 10%, you get **655FAA**, and if you desaturate by 10%, it is **8581AA**.

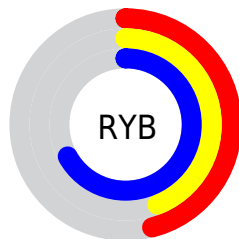
# Distribution



Red (46%)

Green (44%)

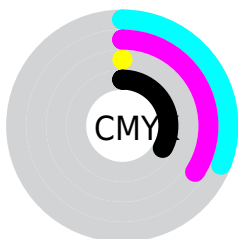
Blue (67%)



Red (46%)

Yellow (44%)

Blue (67%)

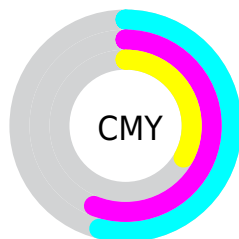


Cyan (31%)

Magenta (34%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (56%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7570AA 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 7570AA by changing the saturation by 10% instead.



■ 7570AA

■ 7570AA

FFFFFF

■ 5B588F

■ AAA4E2

■ 424076

■ C6BFFE

■ 2A2A5D

■ E3DBFF

■ 0F1645

■ FFF7FF

■ 00002E

■ 000119

■ 000000

■ 7570AA

■ 7570AA

■ 655FAA

■ 8581AA

■ 564EAA

■ 9492AA

■ 463DAA

■ A4A3AA

■ 372CAA

■ B3B4AA

■ 271BAA

■ C3C5AA

■ 180AAA

■ D2D6AA

■ 0F00AA

■ E2E7AA

■ F1F8AA

■ FFFFAA

# Harmonies

## Analogous

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



427AB0



7570AA



986596

# Triad

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



7570AA



A16A47



168573

# Complementary

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



7570AA



A5AA70

# 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.



4B8356



7570AA



8B743C

# Square

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



7570AA



AD615E



6E7D41



008590

# Rectangle

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



7570AA



A66084



6E7D41



2D8569



# Sweetspot

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



7570AA



CAC8DE



70A5AA



646370



F0F0F0



707070



# Same Dimension

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



7570AA



8B83DE



9270AA



4C4C54



0D0094



020014



# Inverse Universe

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



AA70A5



DE83D6



88AA70



544C53



940087

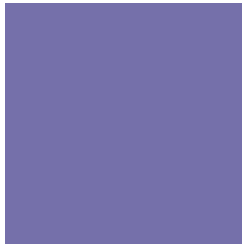


140013



# Previews

## White Background



This preview shows how the Hex color 7570AA looks on a white background.

## Color Contrast Check

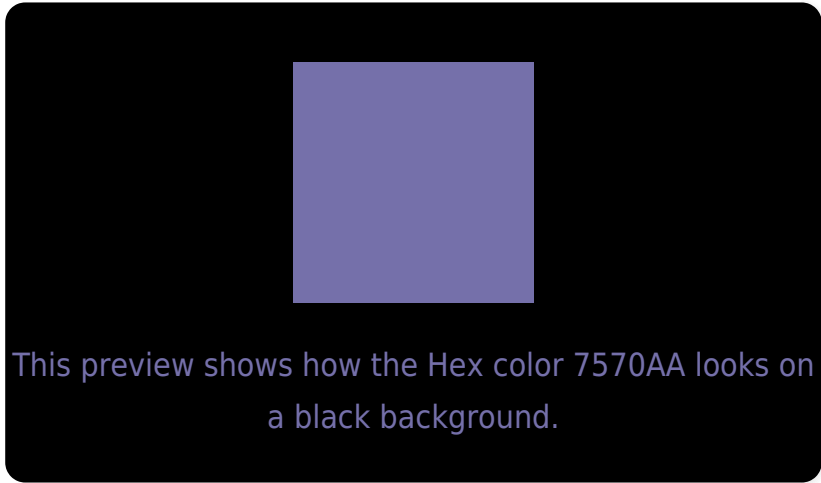
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

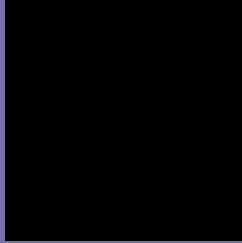
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7570AA Background



This preview shows how black text looks on a background with the Hex color 7570AA.

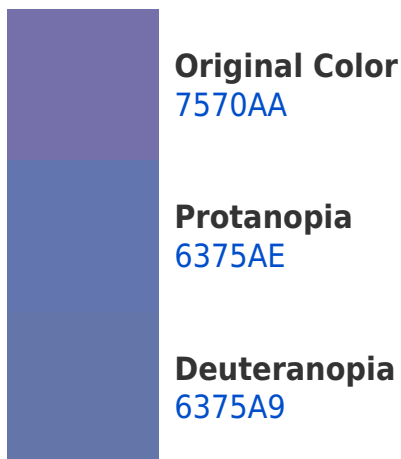


This preview shows how white text looks on a background with the Hex color 7570AA.

# 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](#).

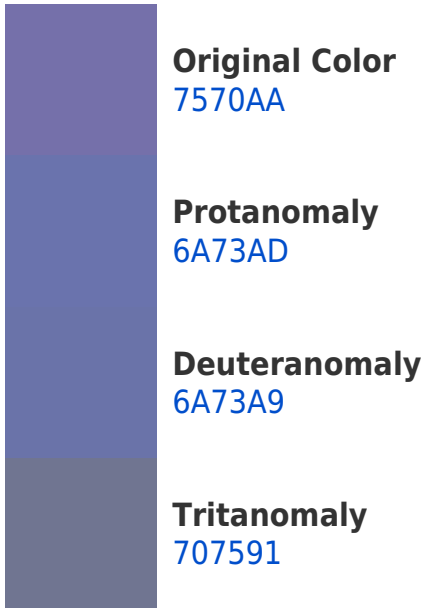
## Dichromacy





**Tritanopia**  
6D7882

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7570AA 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 #7570AA looks like.

```
.text, #text, p{  
    color:#7570AA  
}
```

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 #7570AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7570AA
}
```

## Border

The CSS property to change the border of an element to Hex 7570AA 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
#7570AA }
```

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

```
.border{ border-color:#7570AA }
```

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

Here you see how a box with a 4 pixel #7570AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7570AA; -webkit-box-shadow:4px 4px  
4px 4px #7570AA; box-shadow:4px 4px 4px  
4px #7570AA }
```

# Background

The CSS property to change the background color of an element to Hex 7570AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7570AA }
```

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

```
.background{ background-color:#7570AA }
```

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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