

Converting Colors

Hex(777AA0)

Have a look what the booklet for
Hex(777AA0) contains.

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Color

Hex(777AA0)

Conversions

Conversions Part 1

Format	Color
Hex	777AA0
RGB	119, 122, 160
RGB Percent	47%, 48%, 63%
CMY	0.5333, 0.5216, 0.3725
CMYK	0.26, 0.24, 0.00, 0.37
HSL	236°, 18%, 55%
HSV	236°, 26%, 63%
XYZ	20.9124, 20.3791, 36.0891
YIQ	125.4350, -13.9860, 11.1820

Conversions

Conversions Part 2

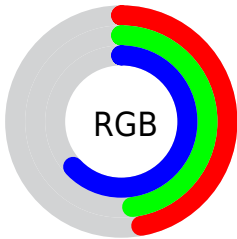
Format	Color
RYB	119, 122, 160
Decimal	7830176
CIELab	52.26, 7.61, -20.72
CIElCh	52, 22.070, 290.179
Yxy	20.3791, 0.2703, 0.2634
Android (android.graphics.Color)	4286020256 (0xFF777AA0)
YUV	125.4350, 17.0405, -5.6435
Hunter-Lab	45.1432, 3.6890, -15.7983

Details

The Hex color **777AA0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A09D77**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **ACAED7**, and **454A6C** is the 20% darker color. If you saturate the color by 10%, you get **676BA0**, and if you desaturate by 10%, it is **8789A0**.

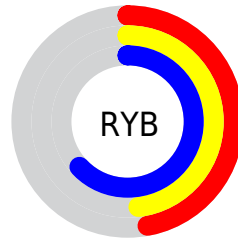
Distribution



Red (47%)

Green (48%)

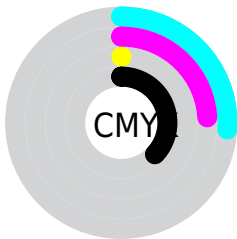
Blue (63%)



Red (47%)

Yellow (48%)

Blue (63%)

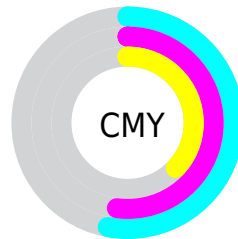


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (37%)



Cyan (53%)

Magenta (52%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 777AA0 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 777AA0 by changing the saturation by 10% instead.

■ 777AA0

■ 777AA0

FFFFFF

■ 5E6186

■ ACAED7

■ 454A6C

■ C7CAF3

■ 2E3354

■ E4E6FF

■ 171E3D

■ 010527

■ 000111

■ 000000

■ 777AA0

■ 777AA0

■ 676BA0

■ 8789A0

■ 575CA0

■ 9798A0

■ 474EA0

■ A7A6A0

■ 373FA0

■ B7B5A0

■ 2730A0

■ C7C4A0

■ 1721A0

■ D7D3A0

■ 0712A0

■ E7E2A0

■ 000CA0

■ F7F1A0

■ FFFFA0

Harmonies

Analogous

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



5C80A2



777AA0



8F7495

Triad

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



777AA0



9E7360



528776

Complementary

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



777AA0



A09D77

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.



678464



777AA0



907958

Square

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



777AA0



A36F70



7D7F59



448789

Rectangle

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



777AA0



9A708A



7D7F59



59866F

Sweetspot

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



777AA0



C0C2D1



77A09D



5E5F69



E8E8E8



696969

Same Dimension

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



777AA0



9095D1



8877A0



47484F



000A8F



00010F

Inverse Universe

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



A0777A



D19095



8FA077



4F4748



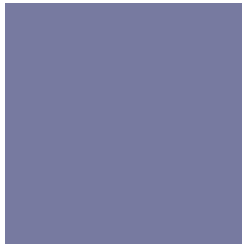
8F000A



0F0001

Previews

White Background



This preview shows how the Hex color 777AA0 looks on a white background.

Color Contrast Check

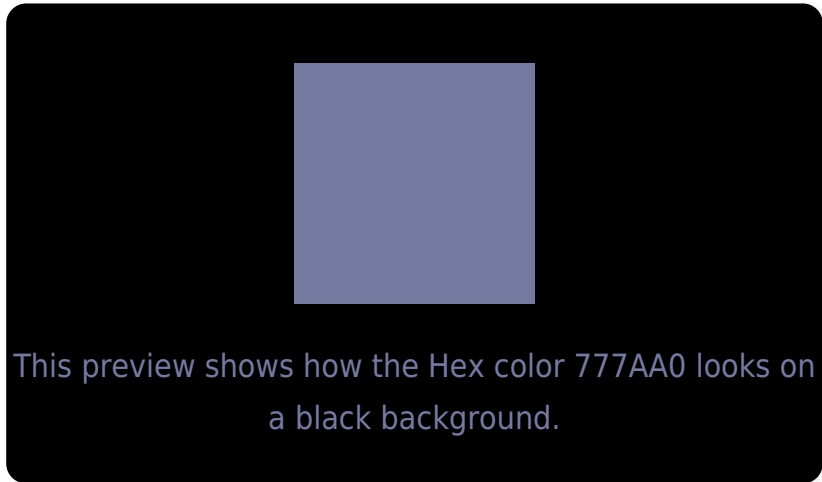
Large Text (above 18pt) WCAG AA ✓ Pass

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 777AA0 Background



This preview shows how black text looks on a background with the Hex color 777AA0.



This preview shows how white text looks on a background with the Hex color 777AA0.

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

777AA0

Protanopia

737BA1

Deuteranopia

767AA0



Tritanopia
727E88

Trichromacy



Original Color
777AA0

Protanomaly
747BA1

Deuteranomaly
767AA0

Tritanomaly
747D91

Monochromacy



Original Color
777AA0

Achromatopsia
7D7D7D

Achromatomaly
7B7C8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 777AA0 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 #777AA0 looks like.

```
.text, #text, p{  
    color:#777AA0  
}
```

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 #777AA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #777AA0  
}
```

Border

The CSS property to change the border of an element to Hex 777AA0 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  
#777AA0 }
```

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

```
.border{ border-color:#777AA0 }
```

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

Here you see how a box with a 4 pixel #777AA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #777AA0; -webkit-box-shadow:4px 4px  
4px 4px #777AA0; box-shadow:4px 4px 4px  
4px #777AA0 }
```

Background

The CSS property to change the background color of an element to Hex 777AA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#777AA0 }
```

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

```
.background{ background-color:#777AA0 }
```

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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