

Converting Colors

Hex(776AA3)

Have a look what the booklet for
Hex(776AA3) contains.

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Color

Hex(776AA3)

Conversions

Conversions Part 1

Format	Color
Hex	776AA3
RGB	119, 106, 163
RGB Percent	47%, 42%, 64%
CMY	0.5333, 0.5843, 0.3608
CMYK	0.27, 0.35, 0.00, 0.36
HSL	254°, 24%, 53%
HSV	254°, 35%, 64%
XYZ	19.3726, 16.8744, 36.8864
YIQ	116.3850, -10.5490, 20.4830

Conversions

Conversions Part 2

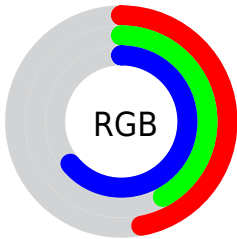
Format	Color
R_{YB}	119, 106, 163
Decimal	7826083
CIE _{Lab}	48.10, 17.95, -28.90
CIE _{LCh}	48, 34.025, 301.848
Yxy	16.8744, 0.2649, 0.2307
Android (android.graphics.Color)	4286016163 (0xFF776AA3)
YUV	116.3850, 22.9812, 2.2934
Hunter-Lab	41.0784, 12.2937, -24.4846

Details

The Hex color **776AA3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **96A36A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **AC9DDA**, and **453B6F** is the 20% darker color. If you saturate the color by 10%, you get **6A5AA3**, and if you desaturate by 10%, it is **847AA3**.

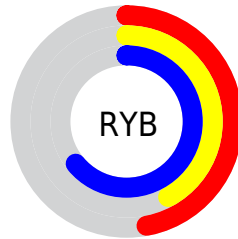
Distribution



Red (47%)

Green (42%)

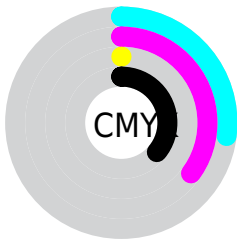
Blue (64%)



Red (47%)

Yellow (42%)

Blue (64%)

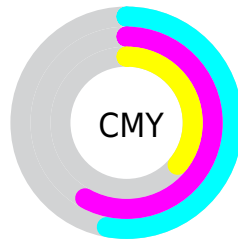


Cyan (27%)

Magenta (35%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (58%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 776AA3 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 776AA3 by changing the saturation by 10% instead.



776AA3



776AA3

FFFFFF



5D5289



AC9DDA



453B6F



C8B8F7



2D2556



E4D4FF



14113F



FFF0FF



000029



000112



000000



776AA3



776AA3



6A5AA3



847AA3

■ 5E49A3

■ 908BA3

■ 5139A3

■ 9D9BA3

■ 4529A3

■ A9ABA3

■ 3819A3

■ B6BBA3

■ 2C08A3

■ C2CCA3

■ 2500A3

■ CFDCA3

■ DCECA3

■ E8FDA3

Harmonies

Analogous

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



4675AB



776AA3



97608E

Triad

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



776AA3



9A6740



008173

Complementary

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



776AA3



96A36A

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.



407F56



776AA3



827137

Square

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



776AA3



A75E55



647940



008090

Rectangle

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



776AA3



A45B7B



647940



1D8169

Sweetspot

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



776AA3



C3BED4



6A97A3



615E6B



EBEBEB



6B6B6B

Same Dimension

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



776AA3



8F7BD4



936AA3



4B4952



210091



040012

Inverse Universe

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



A36A96



D47BBF



7AA36A



524950



910070



12000E

Previews

White Background



This preview shows how the Hex color 776AA3 looks on a white background.

Color Contrast Check

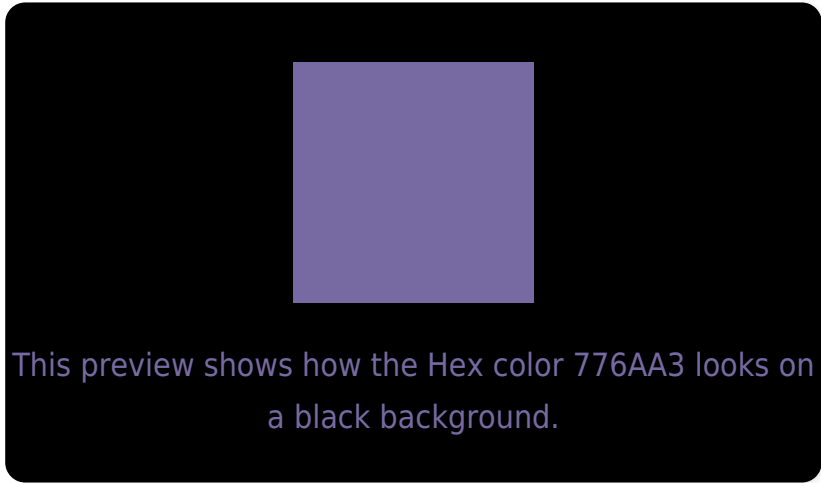
Large Text (above 18pt) WCAG AA ✓ Pass

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

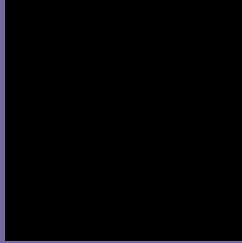
Any Text WCAG AA × Fail

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 776AA3 Background



This preview shows how black text looks on a background with the Hex color 776AA3.

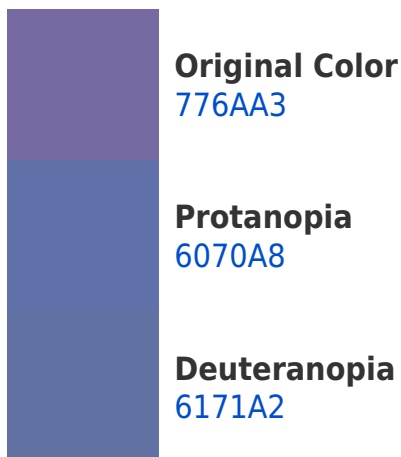


This preview shows how white text looks on a background with the Hex color 776AA3.

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
6F727B

Trichromacy



Original Color
776AA3

Protanomaly
686EA6

Deuteranomaly
696EA2

Tritanomaly
726F8A

Monochromacy



Original Color
776AA3

Achromatopsia
747474

Achromatomaly
757085

CSS Examples

Text

The CSS property to change the color of the text to Hex 776AA3 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 #776AA3 looks like.

```
.text, #text, p{  
    color:#776AA3  
}
```

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 #776AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776AA3
}
```

Border

The CSS property to change the border of an element to Hex 776AA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

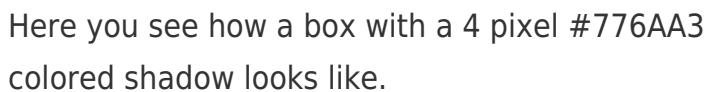
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#776AA3 }
```

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

```
.border{ border-color:#776AA3 }
```

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



Here you see how a box with a 4 pixel #776AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776AA3; -webkit-box-shadow:4px 4px  
4px 4px #776AA3; box-shadow:4px 4px 4px  
4px #776AA3 }
```

Background

The CSS property to change the background color of an element to Hex 776AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776AA3 }
```

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

```
.background{ background-color:#776AA3 }
```

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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