

Converting Colors

Hex(776CAC)

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

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Color

Hex(776CAC)

Conversions

Conversions Part 1

Format	Color
Hex	776CAC
RGB	119, 108, 172
RGB Percent	47%, 42%, 67%
CMY	0.5333, 0.5765, 0.3255
CMYK	0.31, 0.37, 0.00, 0.33
HSL	250°, 28%, 55%
HSV	250°, 37%, 67%
XYZ	20.4167, 17.6256, 41.3557
YIQ	118.5850, -13.9880, 22.2360

Conversions

Conversions Part 2

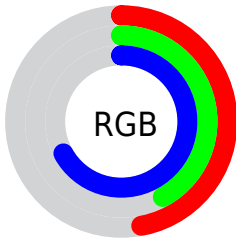
Format	Color
R_{YB}	119, 108, 172
Decimal	7826604
CIE _{Lab}	49.04, 19.11, -32.70
CIE _{LCh}	49, 37.876, 300.295
Yxy	17.6256, 0.2571, 0.2220
Android (android.graphics.Color)	4286016684 (0xFF776CAC)
YUV	118.5850, 26.3336, 0.3640
Hunter-Lab	41.9829, 13.3363, -29.0163

Details

The Hex color **776CAC** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A1AC6C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **AD9FE4**, and **443D77** is the 20% darker color. If you saturate the color by 10%, you get **695BAC**, and if you desaturate by 10%, it is **857DAC**.

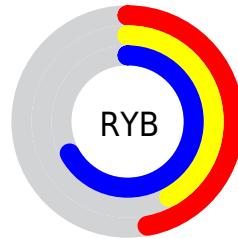
Distribution



Red (47%)

Green (42%)

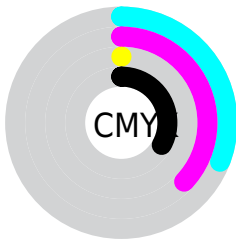
Blue (67%)



Red (47%)

Yellow (42%)

Blue (67%)

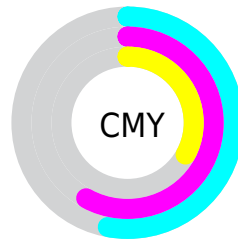


Cyan (31%)

Magenta (37%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (58%)

Yellow (33%)

Brightness & Saturation Gradients

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

■ 776CAC

■ 776CAC

FFFFFF

■ 5D5491

■ AD9FE4

■ 443D77

■ C9BAFF

■ 2B275E

■ E5D6FF

■ 111246

■ FFF3FF

■ 000030

■ 00011A

■ 000000

■ 776CAC

■ 776CAC

■ 695BAC

■ 857DAC

■ 5B4AAC

■ 938EAC

■ 4C38AC

■ A2A0AC

■ 3E27AC

■ B0B1AC

■ 3016AC

■ BEC2AC

■ 2205AC

■ CCD3AC

■ 1E00AC

■ DBE4AC

■ E9F6AC

■ F7FFAC

Harmonies

Analogous

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



3B78B4



776CAC



9C6095

Triad

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



776CAC



A1673D



008574

Complementary

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



776CAC



A1AC6C

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.



3D8253



776CAC



877332

Square

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



776CAC



AF5D56



677C3B



008494

Rectangle

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



776CAC



AB5B80



677C3B



088469

Sweetspot

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



776CAC



CCC8E0



6CA1AC



646270



F0F0F0



707070

Same Dimension

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



776CAC



8D7BE0



976CAC



504E57



1A0096



040017

Inverse Universe

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



AC6CA1



E07BCF



81AC6C



574E55



96007D



170013

Previews

White Background



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

Color Contrast Check

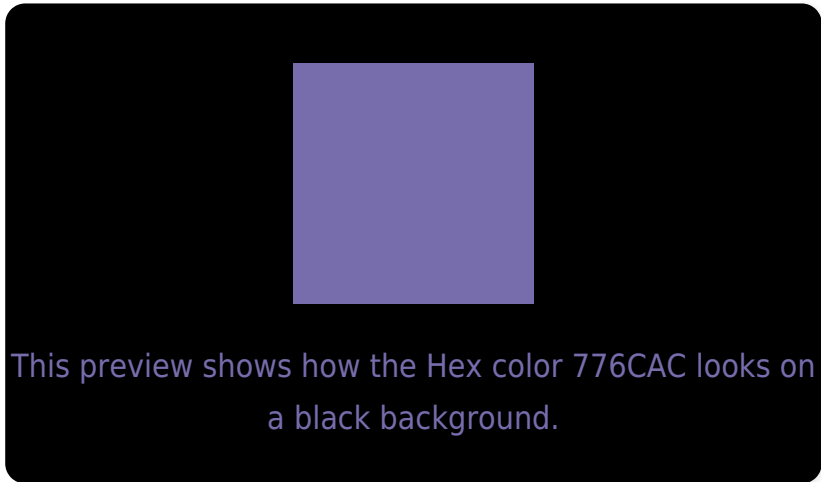
Large Text (above 18pt) WCAG AA ✓ Pass

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

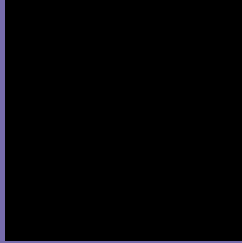
Any Text WCAG AA ✓ Pass

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 776CAC Background



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

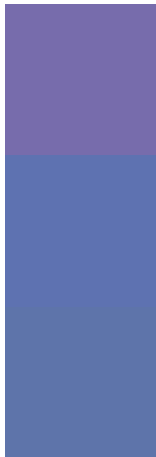


This preview shows how white text looks on a background with the Hex color 776CAC.

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](#).

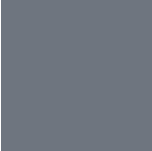
Dichromacy



Original Color
776CAC

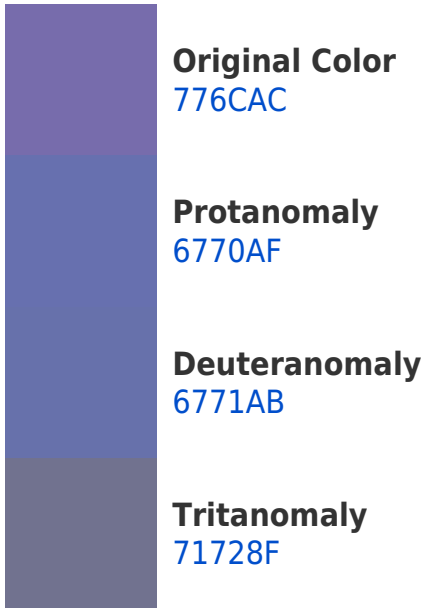
Protanopia
5E72B1

Deuteranopia
5E74AA

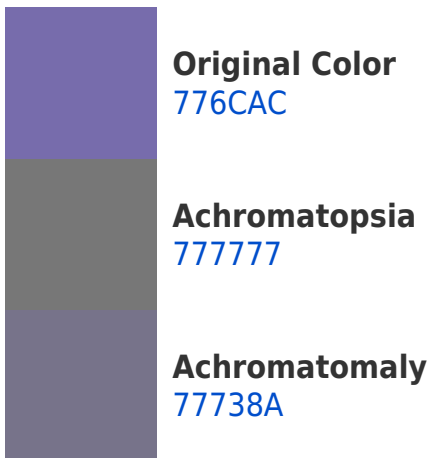


Tritanopia
6E757F

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #776CAC colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 776CAC 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
#776CAC }
```

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

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

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

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

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

Background

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

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

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

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

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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