

Converting Colors

Hex(77A6DC)

Have a look what the booklet for
Hex(77A6DC) contains.

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Color

Hex(77A6DC)

Conversions

Conversions Part 1

Format	Color
Hex	77A6DC
RGB	119, 166, 220
RGB Percent	47%, 65%, 86%
CMY	0.5333, 0.3490, 0.1373
CMYK	0.46, 0.25, 0.00, 0.14
HSL	212°, 59%, 66%
HSV	212°, 46%, 86%
XYZ	34.1622, 36.3617, 72.9281
YIQ	158.1030, -45.3460, 6.8300

Conversions

Conversions Part 2

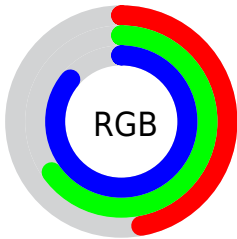
Format	Color
R _Y B	119, 151, 220
Decimal	7841500
CIE Lab	66.80, -1.38, -32.24
CIE LCh	67, 32.267, 267.555
Yxy	36.3617, 0.2381, 0.2535
Android (android.graphics.Color)	4286031580 (0xFF77A6DC)
YUV	158.1030, 30.5152, -34.2933
Hunter-Lab	60.3006, -4.4002, -29.4954

Details

The Hex color **77A6DC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DCAD77**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **AFDDFF**, and **3F72A5** is the 20% darker color. If you saturate the color by 10%, you get **619ADC**, and if you desaturate by 10%, it is **8DB2DC**.

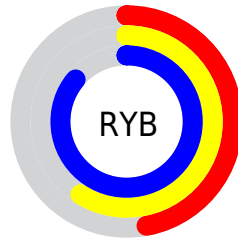
Distribution



Red (47%)

Green (65%)

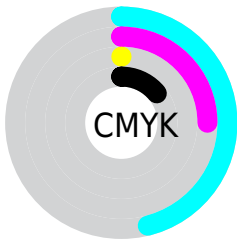
Blue (86%)



Red (47%)

Yellow (59%)

Blue (86%)

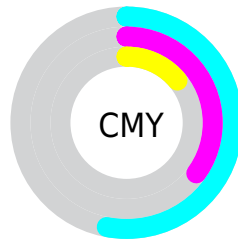


Cyan (46%)

Magenta (25%)

Yellow (0%)

Black (14%)



Cyan (53%)

Magenta (35%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A6DC 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 77A6DC by changing the saturation by 10% instead.

■ 77A6DC

■ 77A6DC

FFFFFF

■ 5B8CC0

■ AFDDFF

■ 3F72A5

■ CCF9FF

■ 1E5A8A

■ E9FFFF

■ 004371

■ 002D58

■ 001940

■ 00032A

■ 000114

■ 000000

■ 77A6DC

■ 77A6DC

■ 619ADC

■ 8DB2DC

■ 4B8EDC

■ A3BEDC

■ 3583DC

■ B9C9DC

■ 1F77DC

■ CFD5DC

■ 096BDC

■ E5E1DC

■ 0066DC

■ FBEDDC

■ FFF8DC

■ FFFFDC

Harmonies

Analogous

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



4CAED3



77A6DC



A39CD6

Triad

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



77A6DC



DB8E89



79AF82

Complementary

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



77A6DC



DCAD77

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.



9AA96E



77A6DC



D09672

Square

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



77A6DC



D88DA6



B9A068



56B29F

Rectangle

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



77A6DC



BB95CA



B9A068



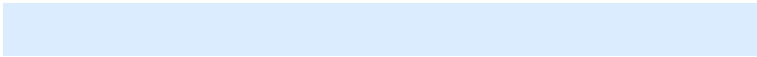
84AD7A

Sweetspot

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



77A6DC



DBECFF



77DCAD



6A7480



000000



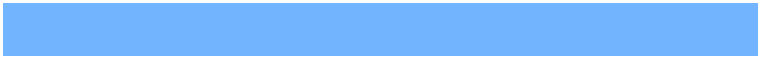
808080

Same Dimension

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



77A6DC



73B4FF



7A77DC



63686E



0051AD



00152E

Inverse Universe

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



DC77A6



FF73B4



D9DC77



6E6368



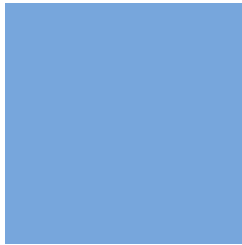
AD0051



2E0015

Previews

White Background



This preview shows how the Hex color 77A6DC looks on a white background.

Color Contrast Check

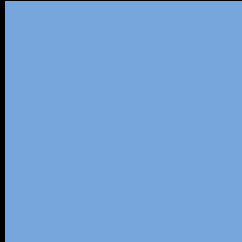
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 77A6DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

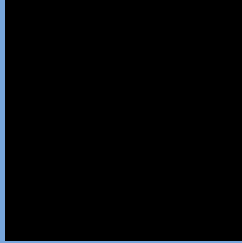
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

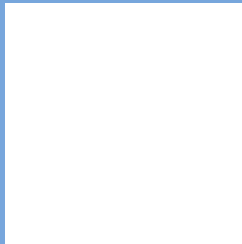
Any Text WCAG AAA ✓ Pass

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

Hex 77A6DC Background



This preview shows how black text looks on a background with the Hex color 77A6DC.

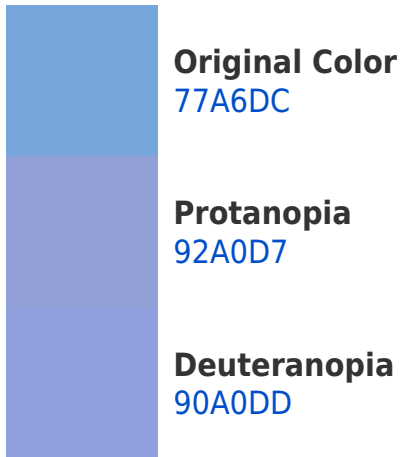


This preview shows how white text looks on a background with the Hex color 77A6DC.

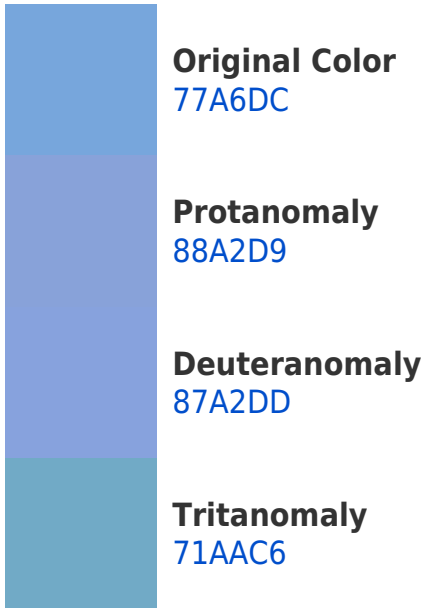
Color Blindness Simulation

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](#).

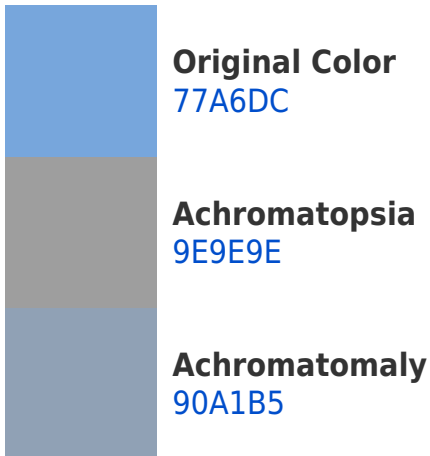
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A6DC 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 #77A6DC looks like.

```
.text, #text, p{  
    color:#77A6DC  
}
```

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 #77A6DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A6DC
}
```

Border

The CSS property to change the border of an element to Hex 77A6DC 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
#77A6DC }
```

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

```
.border{ border-color:#77A6DC }
```

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

Here you see how a box with a 4 pixel #77A6DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A6DC; -webkit-box-shadow:4px 4px  
4px 4px #77A6DC; box-shadow:4px 4px 4px  
4px #77A6DC }
```

Background

The CSS property to change the background color of an element to Hex 77A6DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A6DC }
```

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

```
.background{ background-color:#77A6DC }
```

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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