

Converting Colors

Hex(77A3C7)

Have a look what the booklet for
Hex(77A3C7) contains.

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Color

Hex(77A3C7)

Conversions

Conversions Part 1

Format	Color
Hex	77A3C7
RGB	119, 163, 199
RGB Percent	47%, 64%, 78%
CMY	0.5333, 0.3608, 0.2196
CMYK	0.40, 0.18, 0.00, 0.22
HSL	207°, 42%, 62%
HSV	207°, 40%, 78%
XYZ	31.0137, 34.2398, 59.0072
YIQ	153.9480, -37.7800, 1.8680

Conversions

Conversions Part 2

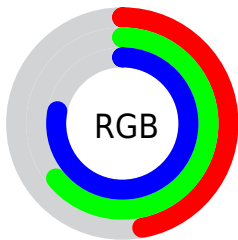
Format	Color
R_{YB}	119, 147, 199
Decimal	7840711
CIE _{Lab}	65.15, -5.57, -23.14
CIE _{LCh}	65, 23.802, 256.465
Yxy	34.2398, 0.2496, 0.2755
Android (android.graphics.Color)	4286030791 (0xFF77A3C7)
YUV	153.9480, 22.2106, -30.6494
Hunter-Lab	58.5148, -7.7932, -18.8285

Details

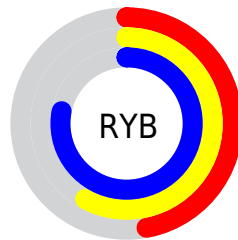
The Hex color **77A3C7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C79B77**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **AEDAFF**, and **426F91** is the 20% darker color. If you saturate the color by 10%, you get **639AC7**, and if you desaturate by 10%, it is **8BACC7**.

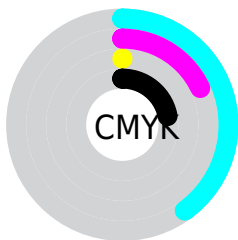
Distribution



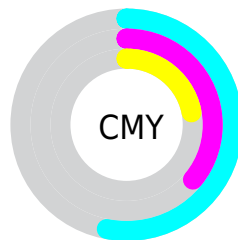
- Red (47%)
- Green (64%)
- Blue (78%)



- Red (47%)
- Yellow (58%)
- Blue (78%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A3C7 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 77A3C7 by changing the saturation by 10% instead.

■ 77A3C7

■ 77A3C7

FFFFFF

■ 5C89AC

■ AEDAFF

■ 426F91

■ CAF6FF

■ 265777

■ E7FFFF

■ 00405E

■ 002A47

■ 001630

■ 00011B

■ 000000

■ 77A3C7

■ 77A3C7

■ 639AC7

■ 8BACC7

■ 4F91C7

■ 9FB5C7

■ 3B88C7

■ B3BEC7

■ 277FC7

■ C7C7C7

■ 1476C7

■ DBD0C7

■ 006DC7

■ EED9C7

■ FFE2C7

■ FFEBC7

■ FFF4C7

Harmonies

Analogous

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



62A8BC



77A3C7



949CC7

Triad

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



77A3C7



CA8F93



89A680

Complementary

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



77A3C7



C79B77

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.



A2A075



77A3C7



C59380

Square

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



77A3C7



C390A9



B79975



72A993

Rectangle

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



77A3C7



A797C0



B79975



92A47B

Sweetspot

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



77A3C7



E0F1FF



77C79B



6E7780



000000



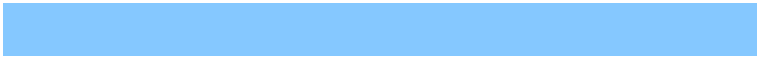
808080

Same Dimension

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



77A3C7



85C8FF



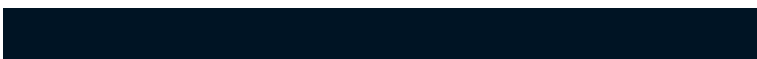
777BC7



5A5F63



005AA3



001424

Inverse Universe

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



C777A3



FF85C8



C7C377



635A5F



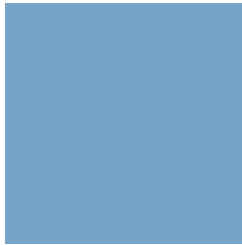
A3005A



240014

Previews

White Background



This preview shows how the Hex color 77A3C7 looks on a white background.

Color Contrast Check

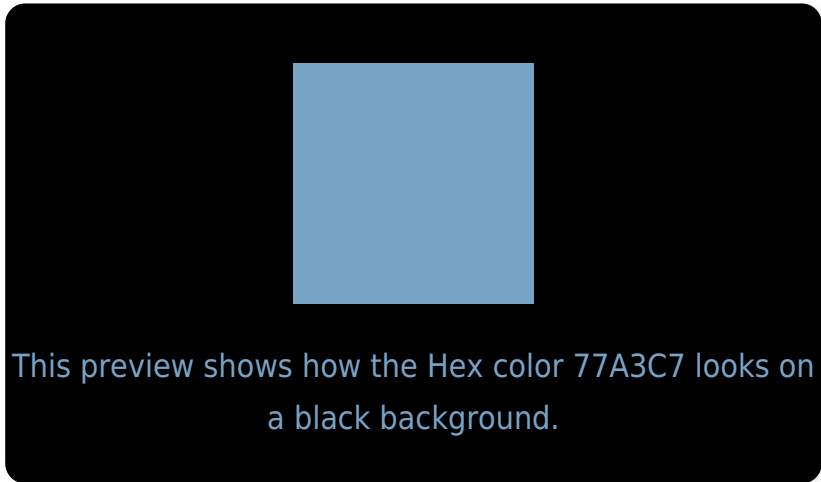
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

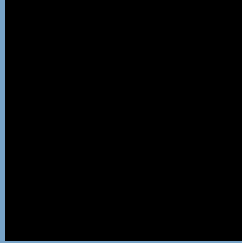
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

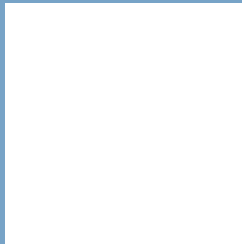
Any Text WCAG AAA ✓ Pass

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

Hex 77A3C7 Background



This preview shows how black text looks on a background with the Hex color 77A3C7.

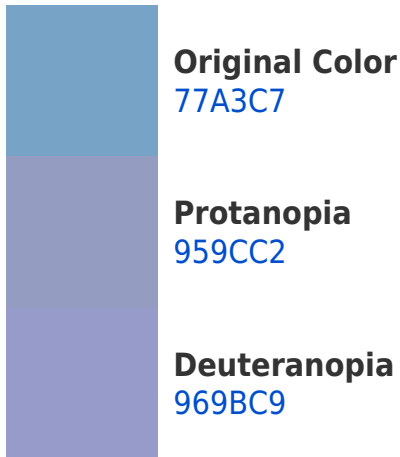


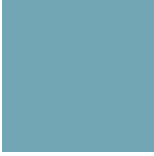
This preview shows how white text looks on a background with the Hex color 77A3C7.

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](#).

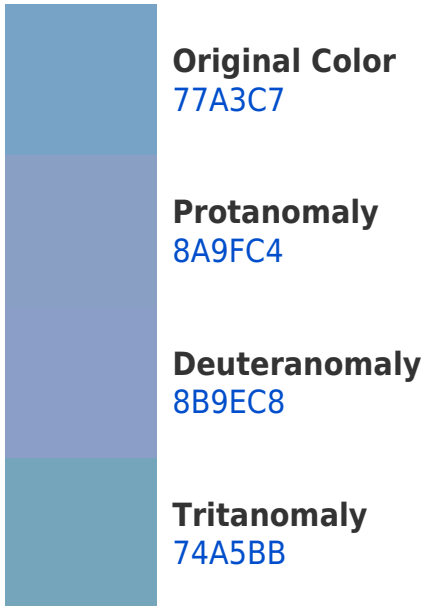
Dichromacy



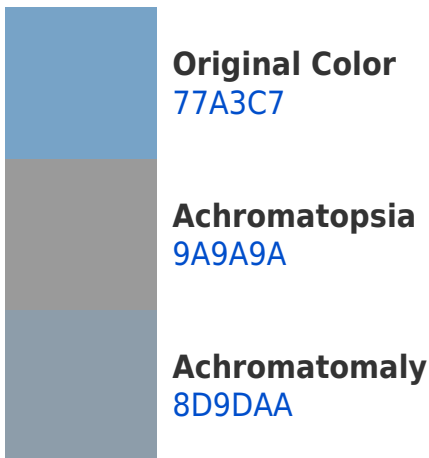


Tritanopia
72A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A3C7 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 #77A3C7 looks like.

```
.text, #text, p{  
    color:#77A3C7  
}
```

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 #77A3C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A3C7  
}
```

Border

The CSS property to change the border of an element to Hex 77A3C7 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  
#77A3C7 }
```

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

```
.border{ border-color:#77A3C7 }
```

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

Here you see how a box with a 4 pixel #77A3C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A3C7; -webkit-box-shadow:4px 4px  
4px 4px #77A3C7; box-shadow:4px 4px 4px  
4px #77A3C7 }
```

Background

The CSS property to change the background color of an element to Hex 77A3C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A3C7 }
```

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

```
.background{ background-color:#77A3C7 }
```

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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