

Converting Colors

Hex(77B3D7)

Have a look what the booklet for
Hex(77B3D7) contains.

Hex(77B3D7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77B3D7)

Conversions

Conversions Part 1

Format	Color
Hex	77B3D7
RGB	119, 179, 215
RGB Percent	47%, 70%, 84%
CMY	0.5333, 0.2980, 0.1569
CMYK	0.45, 0.17, 0.00, 0.16
HSL	202°, 55%, 65%
HSV	202°, 45%, 84%
XYZ	35.9936, 41.0684, 70.3199
YIQ	165.1640, -47.3160, -1.5240

Conversions

Conversions Part 2

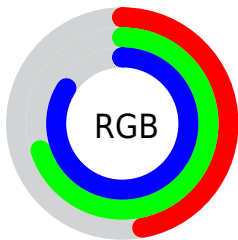
Format	Color
R _Y B	119, 156, 215
Decimal	7844823
CIE Lab	70.22, -9.91, -24.21
CIE LCh	70, 26.165, 247.738
Yxy	41.0684, 0.2442, 0.2787
Android (android.graphics.Color)	4286034903 (0xFF77B3D7)
YUV	165.1640, 24.5691, -40.4858
Hunter-Lab	64.0847, -11.8924, -20.1995

Details

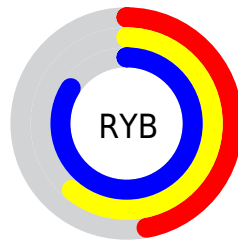
The Hex color **77B3D7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D79B77**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **AFEFFF**, and **3F7EA0** is the 20% darker color. If you saturate the color by 10%, you get **62ABD7**, and if you desaturate by 10%, it is **8DBBD7**.

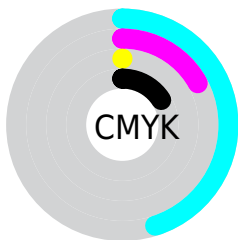
Distribution



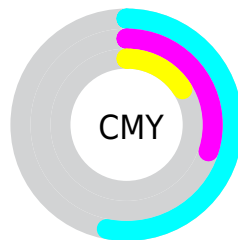
- Red (47%)
- Green (70%)
- Blue (84%)



- Red (47%)
- Yellow (61%)
- Blue (84%)



- Cyan (45%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77B3D7 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 77B3D7 by changing the saturation by 10% instead.

 77B3D7

 77B3D7

FFFFFF

 5B98BB

 AFEBFF

 3F7EA0

 CCFFFF

 1F6586

 E9FFFF

 004D6C

 003754

 00213D

 000427

 000111

 000000

■ 77B3D7

■ 77B3D7

■ 62ABD7

■ 8DBBD7

■ 4CA3D7

■ A2C3D7

■ 379BD7

■ B8CBD7

■ 2193D7

■ CDD3D7

■ 0C8BD7

■ E3DBD7

■ 0086D7

■ F8E3D7

■ FFEBD7

■ FFF3D7

■ FFFCD7

Harmonies

Analogous

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



65B8C8



77B3D7



97ACDA

Triad

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



77B3D7



DB9AA6



9DB386

Complementary

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



77B3D7



D79B77

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.



B7AC7D



77B3D7



DA9D90

Square

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



77B3D7



CF9DBE



CCA480



81B899

Rectangle

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



77B3D7



ADA6D6



CCA480



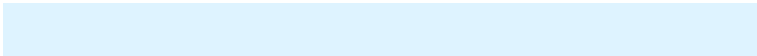
A6B181

Sweetspot

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



77B3D7



DEF3FF



77D79A



6B7880



000000



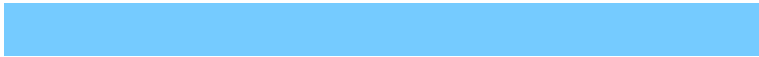
808080

Same Dimension

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



77B3D7



75CBFF



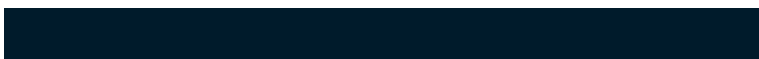
7784D7



60676B



006BAB



001B2B

Inverse Universe

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



D777B3



FF75CB



D7CA77



6B6067



AB006B



2B001B

Previews

White Background



This preview shows how the Hex color 77B3D7 looks on a white background.

Color Contrast Check

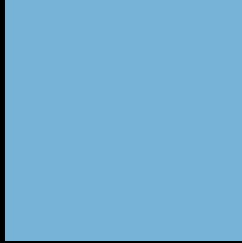
Large Text (above 18pt) WCAG AA × Fail

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 77B3D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

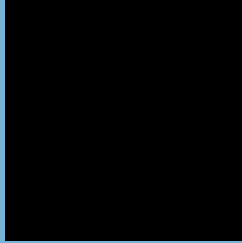
Any Text WCAG AA ✓ Pass

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 77B3D7 Background



This preview shows how black text looks on a background with the Hex color 77B3D7.

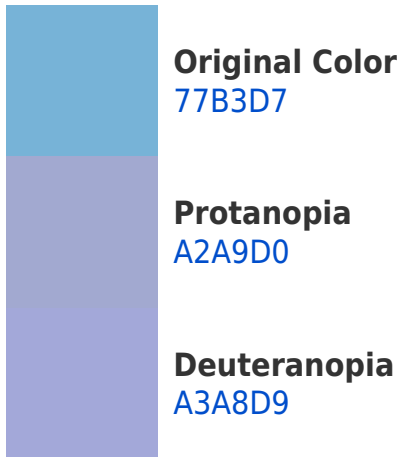


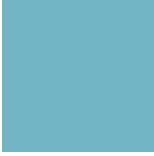
This preview shows how white text looks on a background with the Hex color 77B3D7.

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](#).

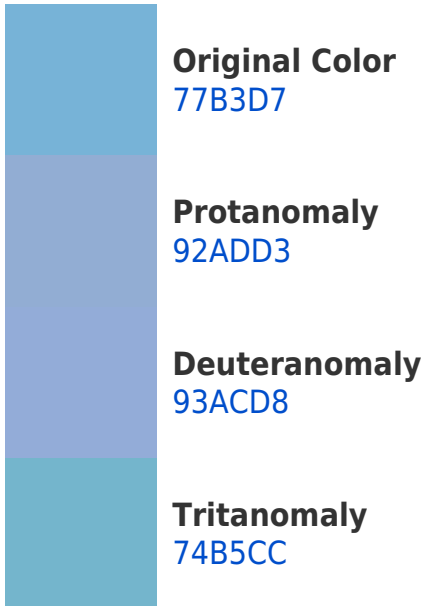
Dichromacy



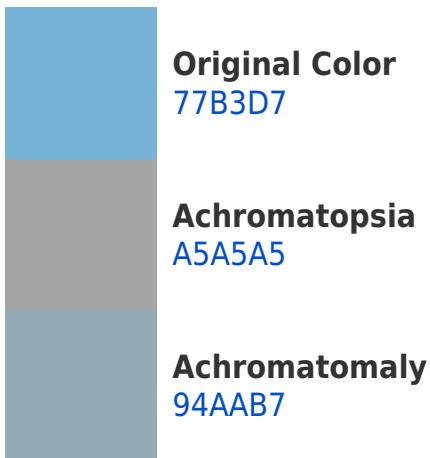


Tritanopia
72B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77B3D7 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 #77B3D7 looks like.

```
.text, #text, p{  
    color:#77B3D7  
}
```

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 #77B3D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B3D7
}
```

Border

The CSS property to change the border of an element to Hex 77B3D7 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
#77B3D7 }
```

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

```
.border{ border-color:#77B3D7 }
```

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

Here you see how a box with a 4 pixel #77B3D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B3D7; -webkit-box-shadow:4px 4px  
4px 4px #77B3D7; box-shadow:4px 4px 4px  
4px #77B3D7 }
```

Background

The CSS property to change the background color of an element to Hex 77B3D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B3D7 }
```

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

```
.background{ background-color:#77B3D7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor