

Converting Colors

Hex(77C1D5)

Have a look what the booklet for
Hex(77C1D5) contains.

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Color

Hex(77C1D5)

Conversions

Conversions Part 1

Format	Color
Hex	77C1D5
RGB	119, 193, 213
RGB Percent	47%, 76%, 84%
CMY	0.5333, 0.2431, 0.1647
CMYK	0.44, 0.09, 0.00, 0.16
HSL	193°, 53%, 65%
HSV	193°, 44%, 84%
XYZ	38.6880, 46.8660, 69.9578
YIQ	173.1540, -50.5240, -9.4680

Conversions

Conversions Part 2

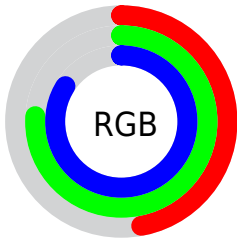
Format	Color
RYB	119, 160, 213
Decimal	7848405
CIELab	74.10, -17.83, -17.23
CIElCh	74, 24.791, 224.020
Yxy	46.8660, 0.2488, 0.3014
Android (android.graphics.Color)	4286038485 (0xFF77C1D5)
YUV	173.1540, 19.6441, -47.4931
Hunter-Lab	68.4587, -18.9274, -12.6672

Details

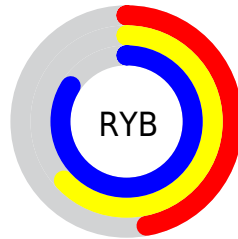
The Hex color **77C1D5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D58B77**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **AFFAFF**, and **3E8B9E** is the 20% darker color. If you saturate the color by 10%, you get **62BCD5**, and if you desaturate by 10%, it is **8CC6D5**.

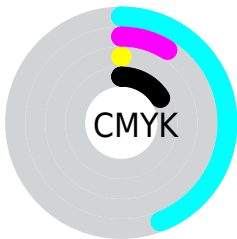
Distribution



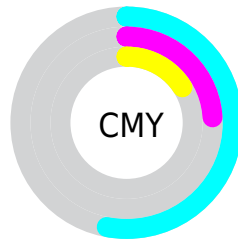
- Red (47%)
- Green (76%)
- Blue (84%)



- Red (47%)
- Yellow (63%)
- Blue (84%)



- Cyan (44%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77C1D5 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 77C1D5 by changing the saturation by 10% instead.

 77C1D5

 77C1D5

FFFFFF

 5BA6B9

 AFFAFF

 3E8B9E

 CCFFFF

 1D7284

 EAFFFF

 00596B

 004253

 002B3C

 001826

 000110

 000000

■ 77C1D5

■ 77C1D5

■ 62BCD5

■ 8CC6D5

■ 4CB8D5

■ A2CAD5

■ 37B3D5

■ B7CFD5

■ 22AFD5

■ CCD3D5

■ 0DAAD5

■ E2D8D5

■ 00A8D5

■ F7DCD5

■ FFE1D5

■ FFE5D5

■ FFEAD5

Harmonies

Analogous

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



77C3C0



77C1D5



8BBCE1

Triad

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



77C1D5



DCA7C3



BCB88A

Complementary

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



77C1D5



D58B77

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.



D2B18B



77C1D5



E5A6AC

Square

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



77C1D5



C7ADD7



E1AA98



A2BE95

Rectangle

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



77C1D5



9FB7E3



E1AA98



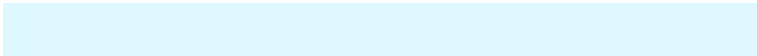
C4B689

Sweetspot

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



77C1D5



DEF8FF



77D58A



6B7B80



000000



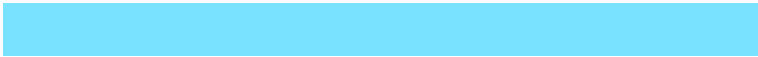
808080

Same Dimension

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



77C1D5



78E2FF



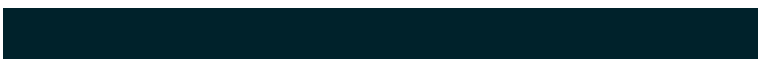
7793D5



60696B



0086AB



00222B

Inverse Universe

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



D577C1



FF78E2



D5B977



6B6069



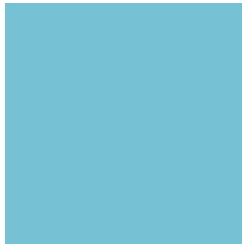
AB0086



2B0022

Previews

White Background



This preview shows how the Hex color 77C1D5 looks on a white background.

Color Contrast Check

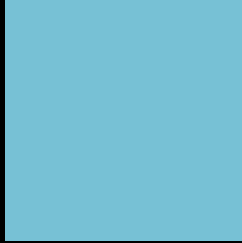
Large Text (above 18pt) WCAG AA × Fail

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 77C1D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

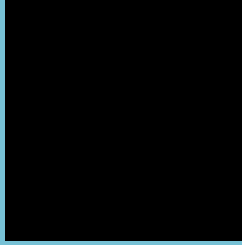
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

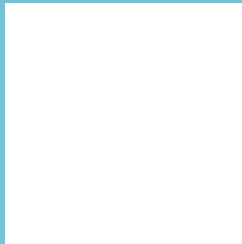
Any Text WCAG AAA ✓ Pass

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

Hex 77C1D5 Background



This preview shows how black text looks on a background with the Hex color 77C1D5.

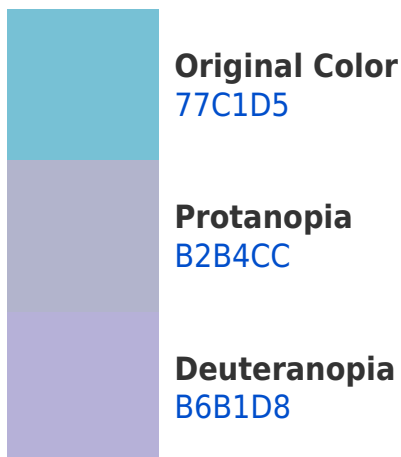


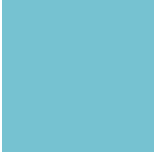
This preview shows how white text looks on a background with the Hex color 77C1D5.

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](#).

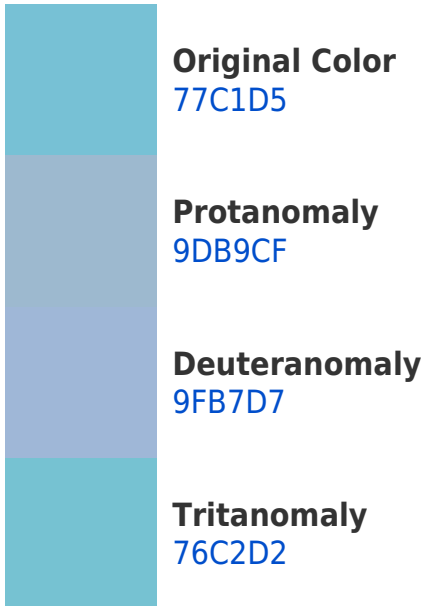
Dichromacy



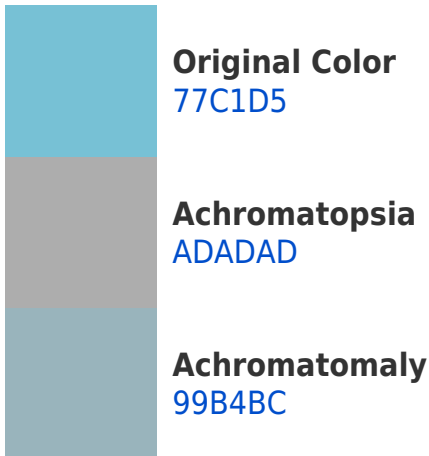


Tritanopia
76C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77C1D5 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 #77C1D5 looks like.

```
.text, #text, p{  
    color:#77C1D5  
}
```

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 #77C1D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C1D5
}
```

Border

The CSS property to change the border of an element to Hex 77C1D5 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
#77C1D5 }
```

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

```
.border{ border-color:#77C1D5 }
```

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

Here you see how a box with a 4 pixel #77C1D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C1D5; -webkit-box-shadow:4px 4px  
4px 4px #77C1D5; box-shadow:4px 4px 4px  
4px #77C1D5 }
```

Background

The CSS property to change the background color of an element to Hex 77C1D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C1D5 }
```

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

```
.background{ background-color:#77C1D5 }
```

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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