

Converting Colors

Hex(77CDDDB)

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

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Color

Hex(77CDDDB)

Conversions

Conversions Part 1

Format	Color
Hex	77CDDB
RGB	119, 205, 219
RGB Percent	47%, 80%, 86%
CMY	0.5333, 0.1961, 0.1412
CMYK	0.46, 0.06, 0.00, 0.14
HSL	188°, 58%, 66%
HSV	188°, 46%, 86%
XYZ	42.2253, 52.6991, 74.9643
YIQ	180.8820, -55.7500, -13.8780

Conversions

Conversions Part 2

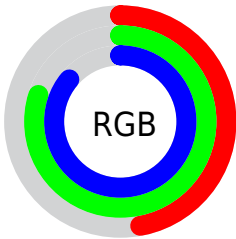
Format	Color
R _Y B	119, 165, 219
Decimal	7851483
CIE Lab	77.70, -22.35, -15.06
CIE LCh	78, 26.947, 213.966
Yxy	52.6991, 0.2485, 0.3102
Android (android.graphics.Color)	4286041563 (0xFF77CDDDB)
YUV	180.8820, 18.7922, -54.2705
Hunter-Lab	72.5941, -23.2130, -10.4099

Details

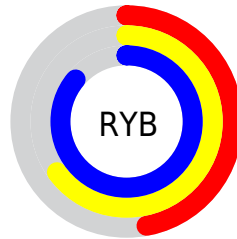
The Hex color **77CDDB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB8577**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B0FFFF**, and **3C97A4** is the 20% darker color. If you saturate the color by 10%, you get **61CADB**, and if you desaturate by 10%, it is **8DD0DB**.

Distribution



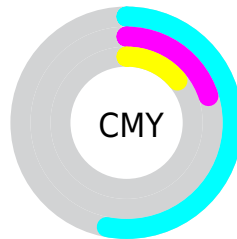
- Red (47%)
- Green (80%)
- Blue (86%)



- Red (47%)
- Yellow (65%)
- Blue (86%)



- Cyan (46%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (53%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 77CDD8

 77CDD8

FFFFFF

 5A81B8

 B0FFFF

 3C97A4

 CDFFFF

 177D8A

 EBFFFF

 006370

 004B58

 003441

 00202A

 000116

 000000

 77CDDDB

 77CDDDB

 61CADB

 8DD0DB

 4BC7DB

 A3D3DB

 35C4DB

 B9D6DB

 1FC1DB

 CFD9DB

 0ABEDB

 E4DCDB

 00BCDB

 FADFDB

 FFE2DB

 FFE6DB

 FFE9DB

Harmonies

Analogous

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



7FCEC3



77CDDB



86C8EC

Triad

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



77CDD8



E3B1D6



C9BF8E

Complementary

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



77CDD8



DB8577

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.



E5B794



77CDD8



F1AEBE

Square

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



77CDDB



C8B8E9



F2B0A5



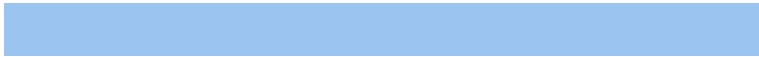
B4C796

Rectangle

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



77CDDB



9BC4F1



F2B0A5



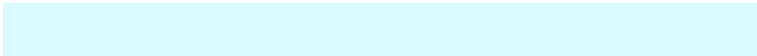
D7BD8F

Sweetspot

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



77CDD8



DBFAFF



77DB84



6A7C80



000000



808080

Same Dimension

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



77CDDB



73EBFF



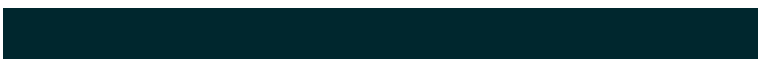
779CDB



636C6E



0095AD



00272E

Inverse Universe

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



DB77CD



FF73EB



DBB677



6E636C



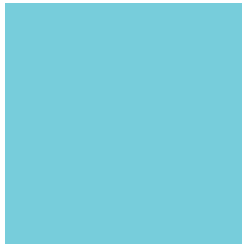
AD0095



2E0027

Previews

White Background



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

Color Contrast Check

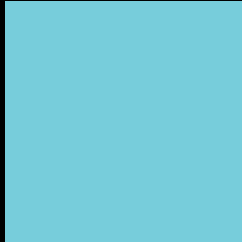
Large Text (above 18pt) WCAG AA × Fail

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 77CDDDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

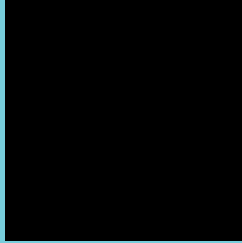
Any Text WCAG AA ✓ Pass

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 77CDDDB Background



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

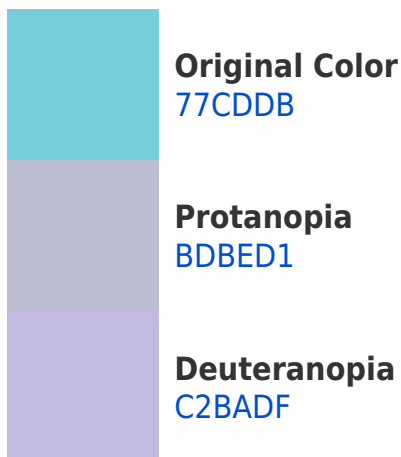


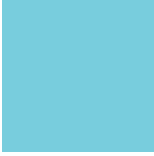
This preview shows how white text looks on a background with the Hex color 77CDDDB.

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](#).

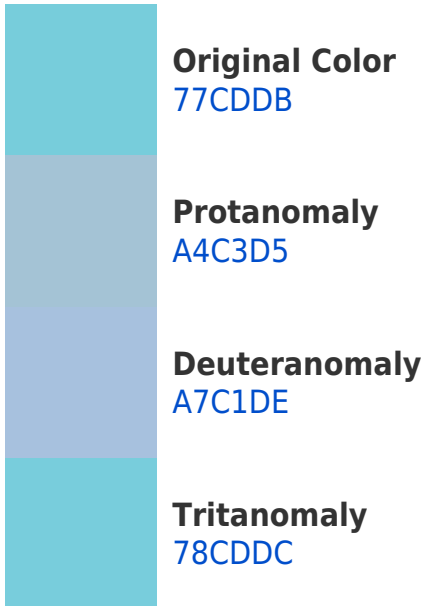
Dichromacy





Tritanopia
78CDDD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #77CDDDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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