

# Converting Colors

Hex(77DADD)

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

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# **Color**

**Hex(77DADD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77DADD
RGB	119, 218, 221
RGB Percent	47%, 85%, 87%
CMY	0.5333, 0.1451, 0.1333
CMYK	0.46, 0.01, 0.00, 0.13
HSL	182°, 60%, 67%
HSV	182°, 46%, 87%
XYZ	45.7303, 59.2852, 77.4396
YIQ	188.7410, -59.9670, -20.0550

# Conversions

## Conversions Part 2

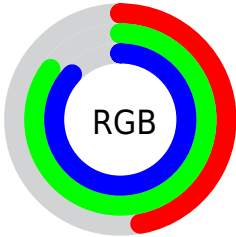
Format	Color
<a href="#">RYB</a>	<a href="#">119, 169, 221</a>
Decimal	<a href="#">7854813</a>
CIELab	<a href="#">81.45, -28.24, -10.51</a>
CIELCh	<a href="#">81, 30.133, 200.414</a>
Yxy	<a href="#">59.2852, 0.2506, 0.3249</a>
Android (android.graphics.Color)	<a href="#">4286044893</a> ( <a href="#">0xFF77DADD</a> )
YUV	<a href="#">188.7410, 15.9037, -61.1629</a>
Hunter-Lab	<a href="#">76.9969, -28.7291, -5.7331</a>

# Details

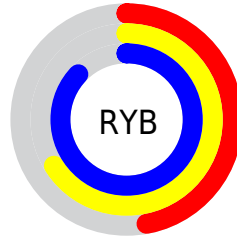
The Hex color **77DADD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DD7A77**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B1FFFF**, and **3AA3A6** is the 20% darker color. If you saturate the color by 10%, you get **61D9DD**, and if you desaturate by 10%, it is **8DDBDD**.

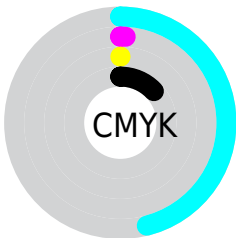
# Distribution



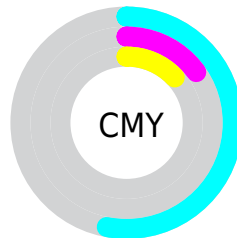
- Red (47%)
- Green (85%)
- Blue (87%)



- Red (47%)
- Yellow (66%)
- Blue (87%)



- Cyan (46%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (53%)
- Magenta (15%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 77DADD

 77DADD

FFFFFF

 5ABEC1

 B1FFFF

 3AA3A6

 CEFFFF

 10888C

 ECFFFF

 006F72

 00565A

 003E42

 00282C

 000B18

 000000

 77DADD

 77DADD

 61D9DD

 8DDBDD

 4BD9DD

 A3DBDD

 35D8DD

 B9DCDD

 1FD7DD

 CFDDDD

 08D7DD

 E6DDDD

 00D7DD

 FCDEDD

 FFD FDD

 FFE0DD

# Harmonies

## Analogous

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



8BDAC0



77DADD



7CD7F5

# Triad

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



77DADD



E6BDEF



E7C593

# Complementary

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



77DADD



DD7A77

# 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.



FCBCA0



77DADD



FDB7D5

# Square

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



77DADD



C2C6FF



FFB6B8



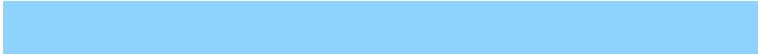
CBCF95

# Rectangle

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



77DADD



8ED2FF



FFB6B8



EFC296



# Sweetspot

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



77DADD



DBFEFF



77DD79



6A7F80



000000



808080



# Same Dimension

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



77DADD



73FBFF



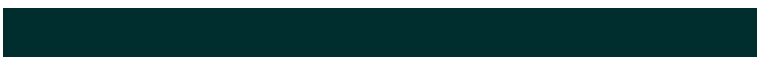
77A8DD



636D6E



00A8AD



002D2E



# Inverse Universe

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



DD77DA



FF73FB



DDAC77



6E636D



AD00A8

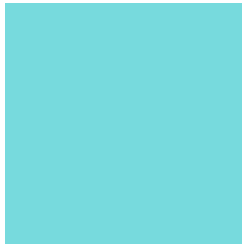


2E002D



# Previews

## White Background



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

## Color Contrast Check

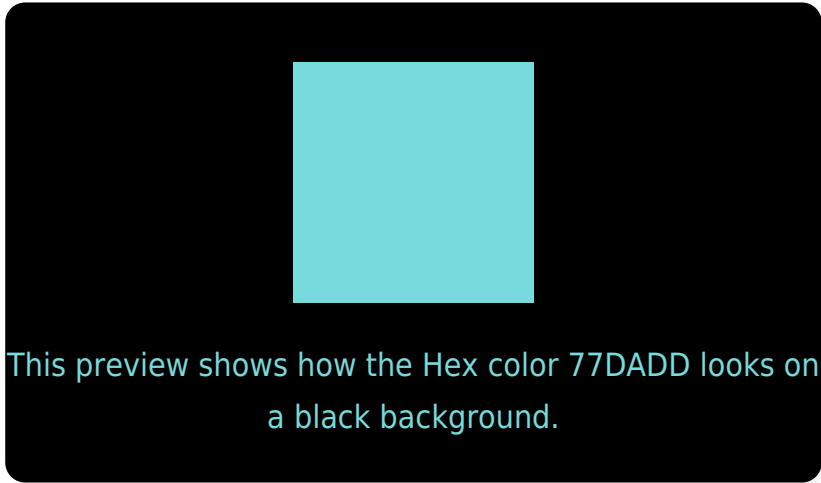
Large Text (above 18pt) WCAG AA × Fail

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

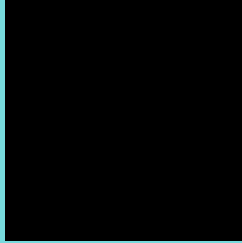
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77DADD Background



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

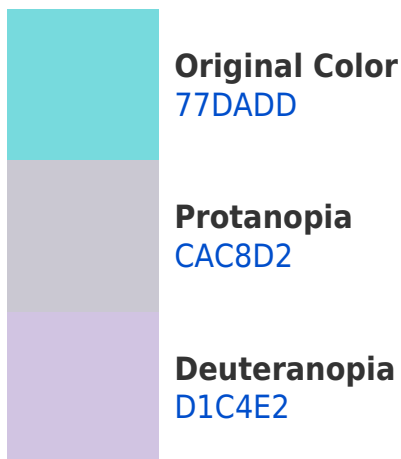


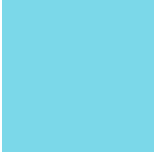
This preview shows how white text looks on a background with the Hex color 77DADD.

# 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**  
7BD8E9

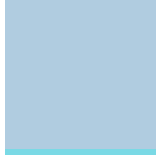
# Trichromacy



**Original Color**  
77DADD



**Protanomaly**  
ACCFD6



**Deuteranomaly**  
B0CCE0

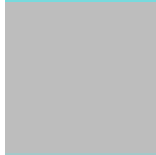


**Tritanomaly**  
7AD9E5

# Monochromacy



**Original Color**  
77DADD



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
A4C8C9

# CSS Examples

## Text

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

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

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 #77DADD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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