

Converting Colors

Hex(77B4DF)

Have a look what the booklet for
Hex(77B4DF) contains.

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Color

Hex(77B4DF)

Conversions

Conversions Part 1

Format	Color
Hex	77B4DF
RGB	119, 180, 223
RGB Percent	47%, 71%, 87%
CMY	0.5333, 0.2941, 0.1255
CMYK	0.47, 0.19, 0.00, 0.13
HSL	205°, 62%, 67%
HSV	205°, 47%, 87%
XYZ	37.2483, 41.8922, 75.9348
YIQ	166.6630, -50.1590, 0.4410

Conversions

Conversions Part 2

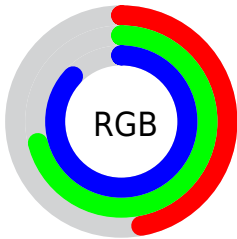
Format	Color
R _Y B	119, 157, 223
Decimal	7845087
CIE Lab	70.80, -8.23, -27.71
CIE LCh	71, 28.906, 253.468
Yxy	41.8922, 0.2402, 0.2701
Android (android.graphics.Color)	4286035167 (0xFF77B4DF)
YUV	166.6630, 27.7741, -41.8005
Hunter-Lab	64.7242, -10.5418, -24.2525

Details

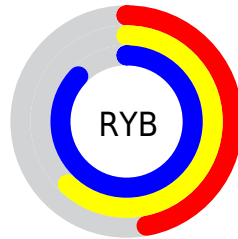
The Hex color **77B4DF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DFA277**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B0ECFF**, and **3E7FA8** is the 20% darker color. If you saturate the color by 10%, you get **61ABDF**, and if you desaturate by 10%, it is **8DBDDF**.

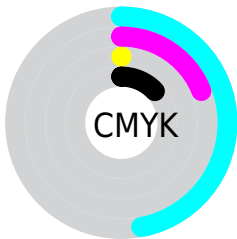
Distribution



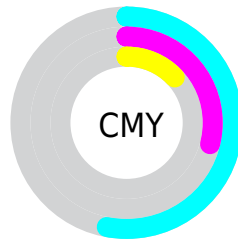
- Red (47%)
- Green (71%)
- Blue (87%)



- Red (47%)
- Yellow (62%)
- Blue (87%)



- Cyan (47%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (53%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77B4DF 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 77B4DF by changing the saturation by 10% instead.

■ 77B4DF

■ 77B4DF

FFFFFF

■ 5B99C3

■ B0ECFF

■ 3E7FA8

■ CDFFFF

■ 1C668D

■ EAFFFF

■ 004E73

■ 00385B

■ 002243

■ 00092D

■ 000117

■ 000000

■ 77B4DF

■ 77B4DF

■ 61ABDF

■ 8DBDDF

■ 4AA2DF

■ A4C6DF

■ 3498DF

■ BAD0DF

■ 1E8FDF

■ D0D9DF

■ 0786DF

■ E7E2DF

■ 0083DF

■ FDEBDF

■ FFF5DF

■ FFFEDF

■ FFFFDF

Harmonies

Analogous

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



5DBAD1



77B4DF



9DACE0

Triad

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



77B4DF



E29AA2



96B686

Complementary

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



77B4DF



DFA277

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.



B4AF7A



77B4DF



DE9E8A

Square

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



77B4DF



D89BBD



CDA77B



78BB9D

Rectangle

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



77B4DF



B5A5D9



CDA77B



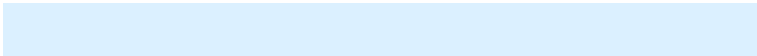
A1B481

Sweetspot

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



77B4DF



DBF0FF



77DFA1



6A7780



000000



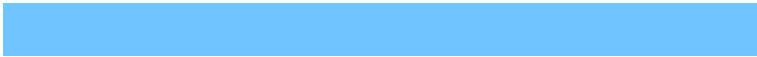
808080

Same Dimension

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



77B4DF



70C4FF



7781DF



656C70



0067B0



001C30

Inverse Universe

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



DF77B4



FF70C4



DFD577



70656C



B00067



30001C

Previews

White Background



This preview shows how the Hex color 77B4DF looks on a white background.

Color Contrast Check

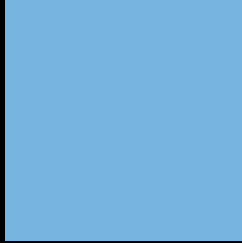
Large Text (above 18pt) WCAG AA × Fail

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 77B4DF 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

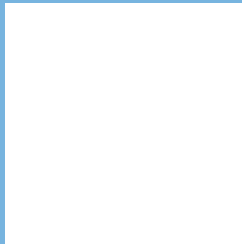
Any Text WCAG AAA ✓ Pass

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

Hex 77B4DF Background



This preview shows how black text looks on a background with the Hex color 77B4DF.



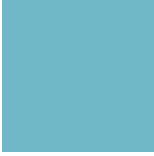
This preview shows how white text looks on a background with the Hex color 77B4DF.

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](#).

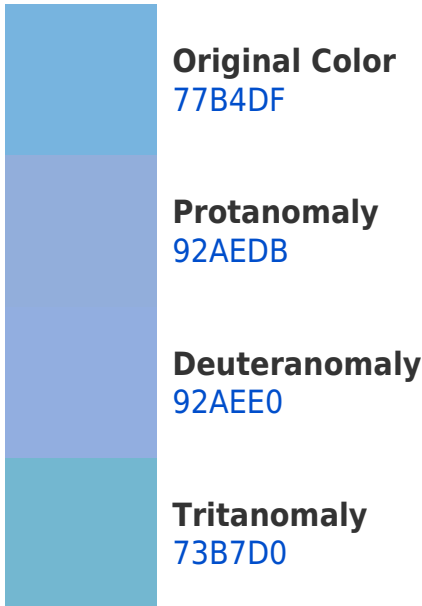
Dichromacy



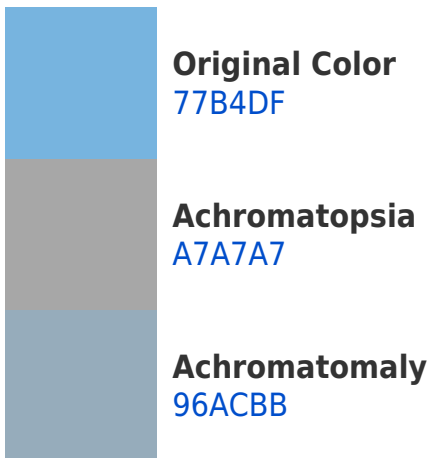


Tritanopia
70B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77B4DF 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 #77B4DF looks like.

```
.text, #text, p{  
    color:#77B4DF  
}
```

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 #77B4DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B4DF
}
```

Border

The CSS property to change the border of an element to Hex 77B4DF 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
#77B4DF }
```

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

```
.border{ border-color:#77B4DF }
```

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

Here you see how a box with a 4 pixel #77B4DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B4DF; -webkit-box-shadow:4px 4px  
4px 4px #77B4DF; box-shadow:4px 4px 4px  
4px #77B4DF }
```

Background

The CSS property to change the background color of an element to Hex 77B4DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B4DF }
```

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

```
.background{ background-color:#77B4DF }
```

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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