

Converting Colors

Hex(77B5DF)

Have a look what the booklet for
Hex(77B5DF) contains.

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Color

Hex(77B5DF)

Conversions

Conversions Part 1

Format	Color
Hex	77B5DF
RGB	119, 181, 223
RGB Percent	47%, 71%, 87%
CMY	0.5333, 0.2902, 0.1255
CMYK	0.47, 0.19, 0.00, 0.13
HSL	204°, 62%, 67%
HSV	204°, 47%, 87%
XYZ	37.4509, 42.2974, 76.0024
YIQ	167.2500, -50.4340, -0.0820

Conversions

Conversions Part 2

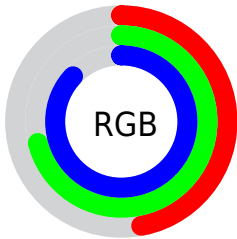
Format	Color
RYB	119, 158, 223
Decimal	7845343
CIELab	71.08, -8.77, -27.28
CIELCh	71, 28.657, 252.188
Yxy	42.2974, 0.2405, 0.2716
Android (android.graphics.Color)	4286035423 (0xFF77B5DF)
YUV	167.2500, 27.4847, -42.3152
Hunter-Lab	65.0365, -11.0255, -23.7615

Details

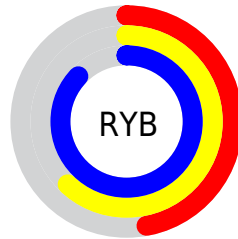
The Hex color **77B5DF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DFA177**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B0EDFF**, and **3E80A8** is the 20% darker color. If you saturate the color by 10%, you get **61ACDF**, and if you desaturate by 10%, it is **8DBEDF**.

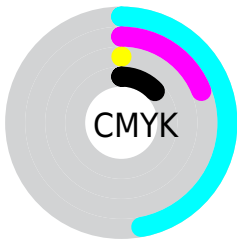
Distribution



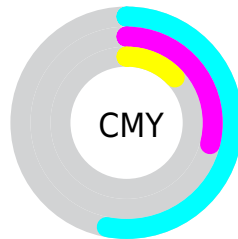
- Red (47%)
- Green (71%)
- Blue (87%)



- 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 77B5DF 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 77B5DF by changing the saturation by 10% instead.

 77B5DF

 77B5DF

FFFFFF

 5B9AC3

 B0EDFF

 3E80A8

 CDFFFF

 1B678D

 EAFFFF

 004F73

 00385B

 002343

 000B2D

 000117

 000000

■ 77B5DF

■ 77B5DF

■ 61ACDF

■ 8DBEDF

■ 4AA3DF

■ A4C7DF

■ 349ADF

■ BAD0DF

■ 1E91DF

■ D0D9DF

■ 0788DF

■ E7E2DF

■ 0085DF

■ FDEBDF

■ FFF4DF

■ FFFDDF

■ FFFFDF

Harmonies

Analogous

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



5FBAD0



77B5DF



9CADE1

Triad

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



77B5DF



E29BA4



99B787

Complementary

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



77B5DF



DFA177

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.



B6B07B



77B5DF



DF9F8C

Square

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



77B5DF



D89DBF



CEA77D



7BBB9D

Rectangle

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



77B5DF



B4A7DA



CEA77D



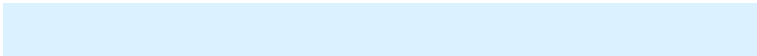
A3B581

Sweetspot

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



77B5DF



DBF1FF



77DFA1



6A7780



000000



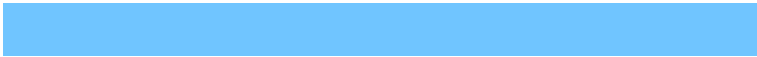
808080

Same Dimension

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



77B5DF



70C5FF



7781DF



656C70



0069B0



001D30

Inverse Universe

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



DF77B5



FF70C5



DFD577



70656C



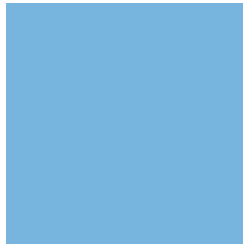
B00069



30001D

Previews

White Background



This preview shows how the Hex color 77B5DF looks on a white background.

Color Contrast Check

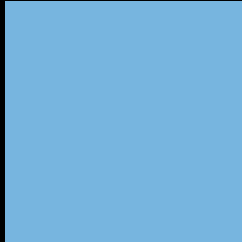
Large Text (above 18pt) WCAG AA × Fail

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 77B5DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

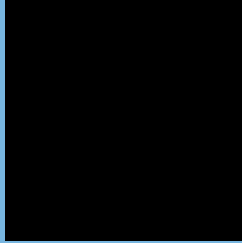
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

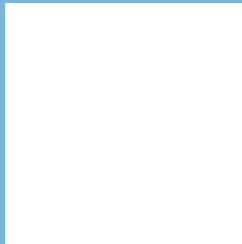
Any Text WCAG AAA ✓ Pass

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

Hex 77B5DF Background



This preview shows how black text looks on a background with the Hex color 77B5DF.

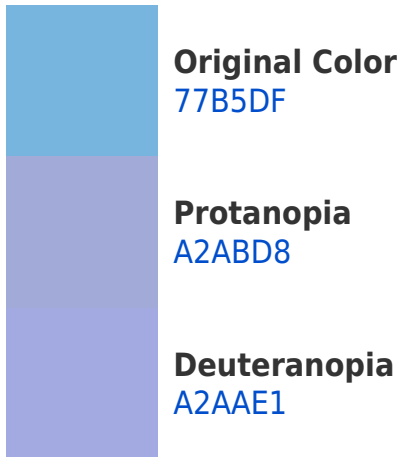


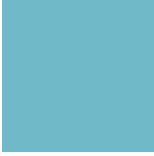
This preview shows how white text looks on a background with the Hex color 77B5DF.

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](#).

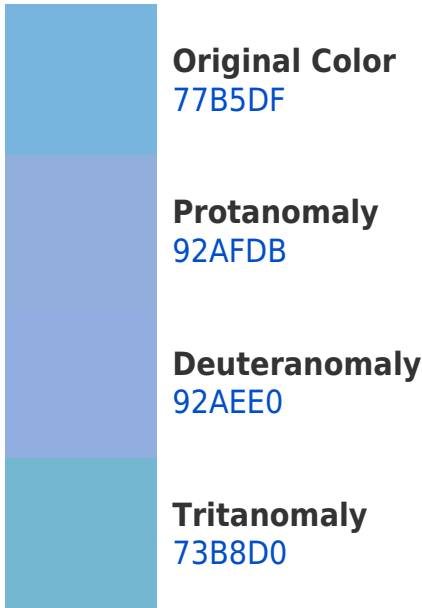
Dichromacy



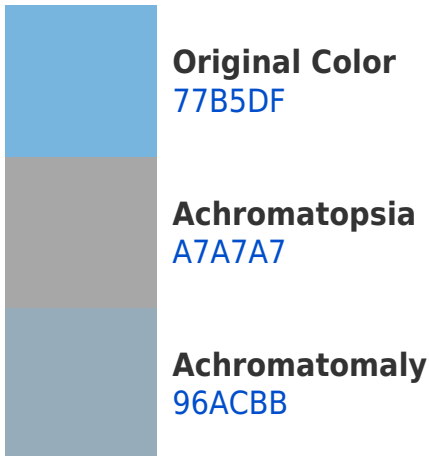


Tritanopia
70B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77B5DF 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 #77B5DF looks like.

```
.text, #text, p{  
    color:#77B5DF  
}
```

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 #77B5DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B5DF
}
```

Border

The CSS property to change the border of an element to Hex 77B5DF 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
#77B5DF }
```

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

```
.border{ border-color:#77B5DF }
```

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

Here you see how a box with a 4 pixel #77B5DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B5DF; -webkit-box-shadow:4px 4px  
4px 4px #77B5DF; box-shadow:4px 4px 4px  
4px #77B5DF }
```

Background

The CSS property to change the background color of an element to Hex 77B5DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B5DF }
```

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

```
.background{ background-color:#77B5DF }
```

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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