

Converting Colors

Hex(77BFDC)

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

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Color

Hex(77BFDC)

Conversions

Conversions Part 1

Format	Color
Hex	77BFDC
RGB	119, 191, 220
RGB Percent	47%, 75%, 86%
CMY	0.5333, 0.2510, 0.1373
CMYK	0.46, 0.13, 0.00, 0.14
HSL	197°, 59%, 66%
HSV	197°, 46%, 86%
XYZ	39.1568, 46.3508, 74.5930
YIQ	172.7780, -52.2210, -6.2450

Conversions

Conversions Part 2

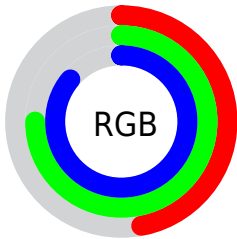
Format	Color
RYB	119, 161, 220
Decimal	7847900
CIELab	73.77, -14.91, -21.53
CIELCh	74, 26.187, 235.299
Yxy	46.3508, 0.2446, 0.2895
Android (android.graphics.Color)	4286037980 (0xFF77BFDC)
YUV	172.7780, 23.2804, -47.1633
Hunter-Lab	68.0815, -16.4789, -17.3037

Details

The Hex color **77BFDC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DC9477**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B0F7FF**, and **3D8AA5** is the 20% darker color. If you saturate the color by 10%, you get **61B9DC**, and if you desaturate by 10%, it is **8DC5DC**.

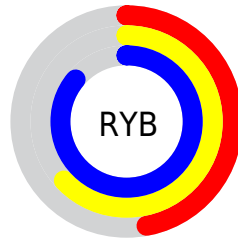
Distribution



Red (47%)

Green (75%)

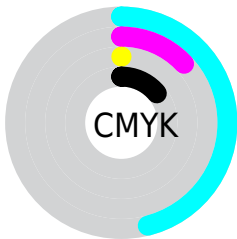
Blue (86%)



Red (47%)

Yellow (63%)

Blue (86%)

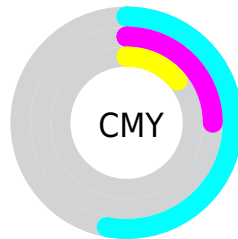


Cyan (46%)

Magenta (13%)

Yellow (0%)

Black (14%)



Cyan (53%)

Magenta (25%)

Yellow (14%)

Brightness & Saturation Gradients

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

 77BFDC

 77BFDC

FFFFFF

 5BA4C0

 B0F7FF

 3D8AA5

 CDFFFF

 1B708B

 EAFFFF

 005871

 004058

 002A41

 00172B

 000116

 000000

 77BFDC

 77BFDC

 61B9DC

 8DC5DC

 4BB2DC

 A3CCDC

 35ACDC

 B9D2DC

 1FA6DC

 CFD8DC

 099FDC

 E5DFDC

 009DDC

 FBE5DC

 FFEBCD

 FFF2DC

 FFF8DC

Harmonies

Analogous

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



6FC2C9



77BFDC



93B9E5

Triad

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



77BFDC



E2A4BA



B1BA89

Complementary

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



77BFDC



DC9477

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.



CBB286



77BFDC



E6A5A2

Square

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



77BFDC



D1A9D1



DDAB8F



96C099

Rectangle

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



77BFDC



A9B3E3



DDAB8F



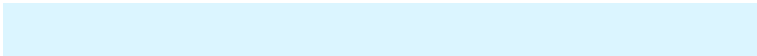
BAB887

Sweetspot

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



77BFDC



DBF5FF



77DC94



6A7980



000000



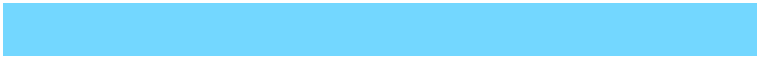
808080

Same Dimension

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



77BFDC



73D7FF



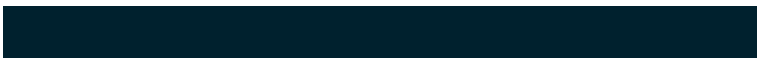
778DDC



636B6E



007CAD



00212E

Inverse Universe

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



DC77BF



FF73D7



DCC677



6E636B



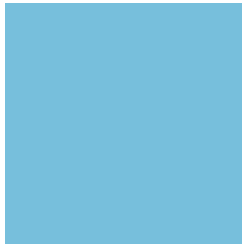
AD007C



2E0021

Previews

White Background



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

Color Contrast Check

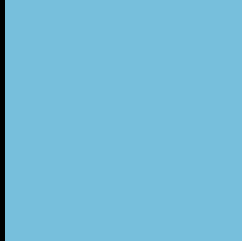
Large Text (above 18pt) WCAG AA × Fail

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 77BFDC 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 77BFDC Background



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

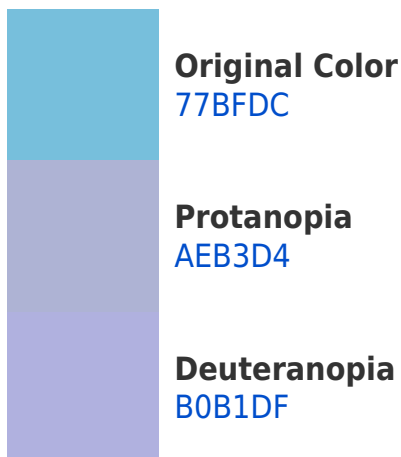


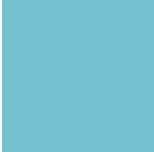
This preview shows how white text looks on a background with the Hex color 77BFDC.

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](#).

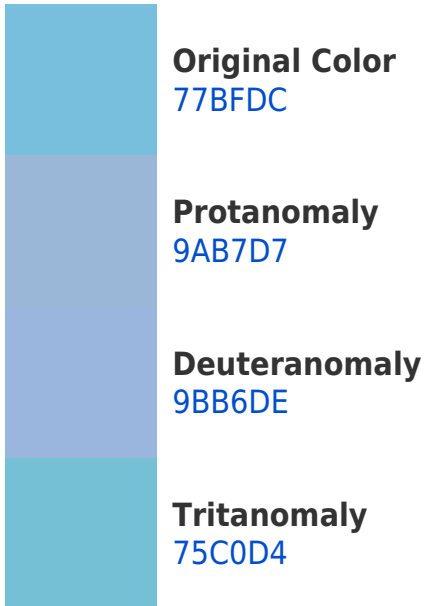
Dichromacy



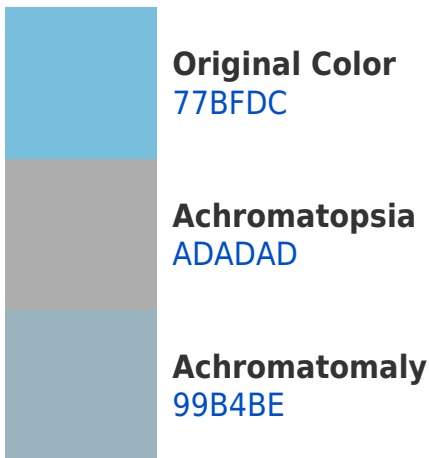


Tritanopia
74C1D0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #77BFDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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