

Converting Colors

Hex(77DAFB)

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

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Color

Hex(77DAFB)

Conversions

Conversions Part 1

Format	Color
Hex	77DAFB
RGB	119, 218, 251
RGB Percent	47%, 85%, 98%
CMY	0.5333, 0.1451, 0.0157
CMYK	0.53, 0.13, 0.00, 0.02
HSL	195°, 94%, 73%
HSV	195°, 53%, 98%
XYZ	50.0917, 61.0298, 100.4066
YIQ	192.1610, -69.5970, -10.7250

Conversions

Conversions Part 2

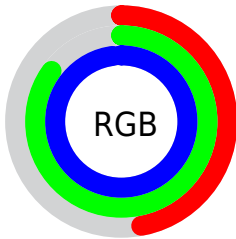
Format	Color
RYB	119, 176, 251
Decimal	7854843
CIELab	82.39, -20.24, -25.02
CIELCh	82, 32.185, 231.031
Yxy	61.0298, 0.2368, 0.2885
Android (android.graphics.Color)	4286044923 (0xFF77DAFB)
YUV	192.1610, 29.0076, -64.1622
Hunter-Lab	78.1216, -22.2581, -21.5180

Details

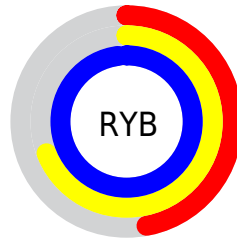
The Hex color **77DAFB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FB9877**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B3FFFF**, and **36A3C2** is the 20% darker color. If you saturate the color by 10%, you get **5ED4FB**, and if you desaturate by 10%, it is **90E0FB**.

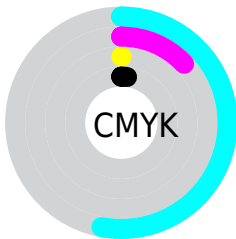
Distribution



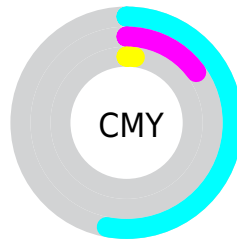
- Red (47%)
- Green (85%)
- Blue (98%)



- Red (47%)
- Yellow (69%)
- Blue (98%)



- Cyan (53%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (53%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

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

 77DAFB

 77DAFB

FFFFFF

 58BEDE

 B3FFFF

 36A3C2

 D1FFFF

 0089A7

 EFFFFFF

 006F8D

 005773

 003F5A

 002943

 00122D

 000117

■ 77DAFB

■ 77DAFB

■ 5ED4FB

■ 90E0FB

■ 45CDFB

■ A9E7FB

■ 2CC7FB

■ C2EDFB

■ 13C1FB

■ DBF3FB

■ 00BCFB

■ F4F9FB

■ FFFFFB

Harmonies

Analogous

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



71DEE2



77DAFB



9AD3FF

Triad

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



77DAFB



FFB8D7



CDD294

Complementary

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



77DAFB



FB9877

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.



EBC892



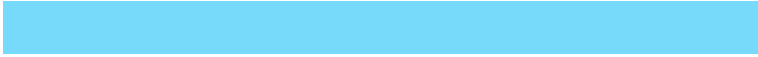
77DAFB



FFB8B9

Square

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



77DAFB



EBBEF3



FFBE9F



AAD9A6

Rectangle

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



77DAFB



B7CCFF



FFBE9F



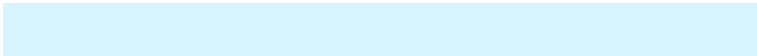
D7CF91

Sweetspot

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



77DAFB



D6F5FF



77FB98



677980



000000



808080

Same Dimension

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



77DAFB



5ED7FF



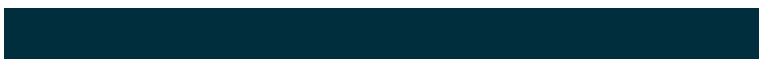
7798FB



707A7D



008EBD



002E3D

Inverse Universe

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



FB77DA



FF5ED7



FBDA77



7D707A



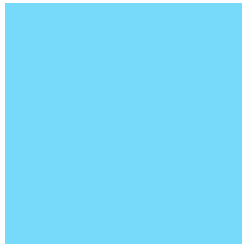
BD008E



3D002E

Previews

White Background



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

Color Contrast Check

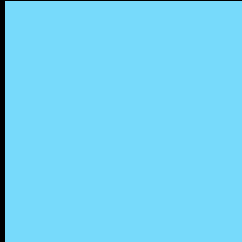
Large Text (above 18pt) WCAG AA × Fail

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 77DAFB 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 77DAFB Background



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

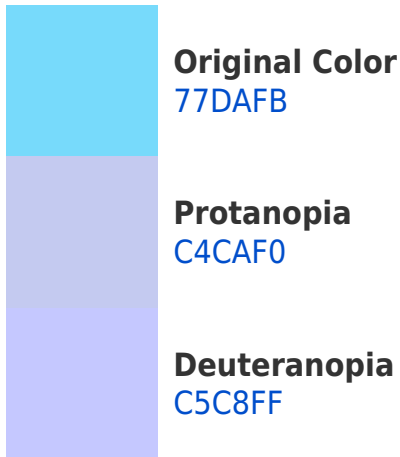


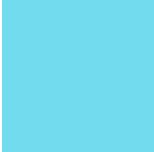
This preview shows how white text looks on a background with the Hex color 77DAFB.

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](#).

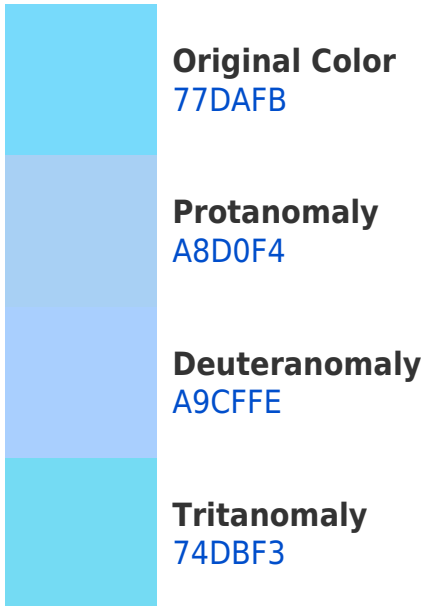
Dichromacy



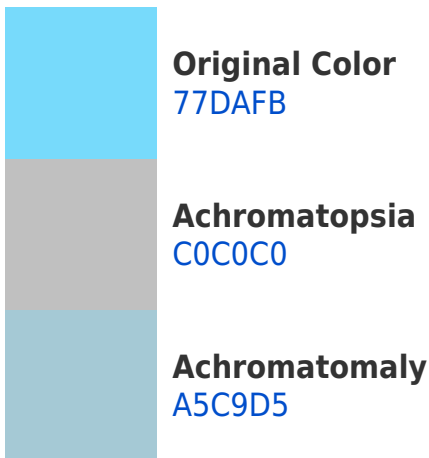


Tritanopia
72DCEE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #77DAFB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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