

Converting Colors

Hex(77DAF7)

Have a look what the booklet for
Hex(77DAF7) contains.

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Color

Hex(77DAF7)

Conversions

Conversions Part 1

Format	Color
Hex	77DAF7
RGB	119, 218, 247
RGB Percent	47%, 85%, 97%
CMY	0.5333, 0.1451, 0.0314
CMYK	0.52, 0.12, 0.00, 0.03
HSL	194°, 89%, 72%
HSV	194°, 52%, 97%
XYZ	49.4677, 60.7801, 97.1202
YIQ	191.7050, -68.3130, -11.9690

Conversions

Conversions Part 2

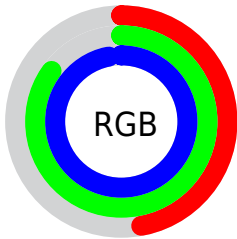
Format	Color
RYB	119, 175, 247
Decimal	7854839
CIELab	82.26, -21.35, -23.11
CIELCh	82, 31.458, 227.268
Yxy	60.7801, 0.2386, 0.2931
Android (android.graphics.Color)	4286044919 (0xFF77DAF7)
YUV	191.7050, 27.2604, -63.7623
Hunter-Lab	77.9616, -23.1723, -19.2870

Details

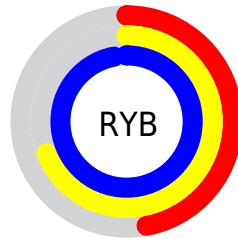
The Hex color **77DAF7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F79477**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B2FFFF**, and **36A3BF** is the 20% darker color. If you saturate the color by 10%, you get **5ED4F7**, and if you desaturate by 10%, it is **90E0F7**.

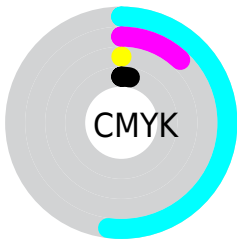
Distribution



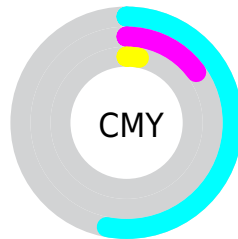
- Red (47%)
- Green (85%)
- Blue (97%)



- Red (47%)
- Yellow (69%)
- Blue (97%)



- Cyan (52%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (53%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77DAF7 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 77DAF7 by changing the saturation by 10% instead.

 77DAF7

 77DAF7

FFFFFF

 58BEDA

 B2FFFF

 36A3BF

 D0FFFF

 0089A3

 EEEFFF

 006F89

 005670

 003F57

 002940

 00112A

 000114

 77DAF7

 77DAF7

 5ED4F7

 90E0F7

 46CFF7

 A8E5F7

 2DC9F7

 C1EBF7

 14C4F7

 DAF0F7

 00BFF7

 F3F6F7

 FFFCF7

 FFFFF7

Harmonies

Analogous

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



75DDDD



77DAF7



96D3FF

Triad

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



77DAF7



FFB8DA



D0D094

Complementary

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



77DAF7



F79477

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.



EDC693



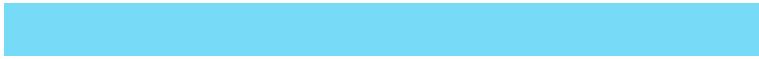
77DAF7



FFB7BC

Square

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



77DAF7



E6BFF5



FFBDA3



AFD8A4

Rectangle

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



77DAF7



B2CDFF



FFBDA3



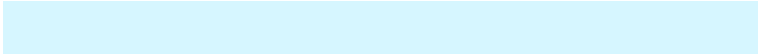
DBCD92

Sweetspot

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



77DAF7



D6F6FF



77F793



677A80



000000



808080

Same Dimension

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



77DAF7



61DBFF



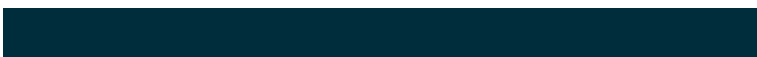
779BF7



6E787A



0090BA



002D3B

Inverse Universe

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



F777DA



FF61DB



F7D377



7A6E78



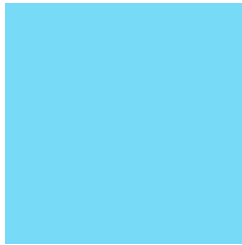
BA0090



3B002D

Previews

White Background



This preview shows how the Hex color 77DAF7 looks on a white background.

Color Contrast Check

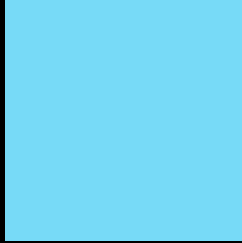
Large Text (above 18pt) WCAG AA × Fail

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 77DAF7 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 77DAF7 Background



This preview shows how black text looks on a background with the Hex color 77DAF7.

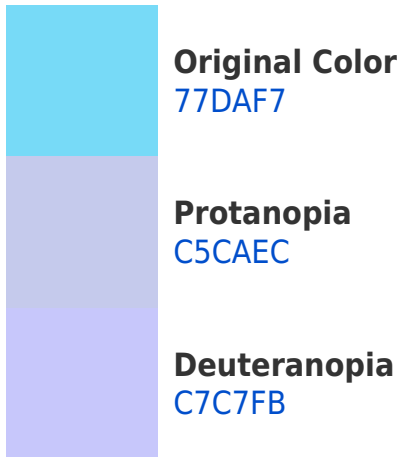


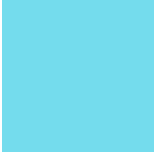
This preview shows how white text looks on a background with the Hex color 77DAF7.

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](#).

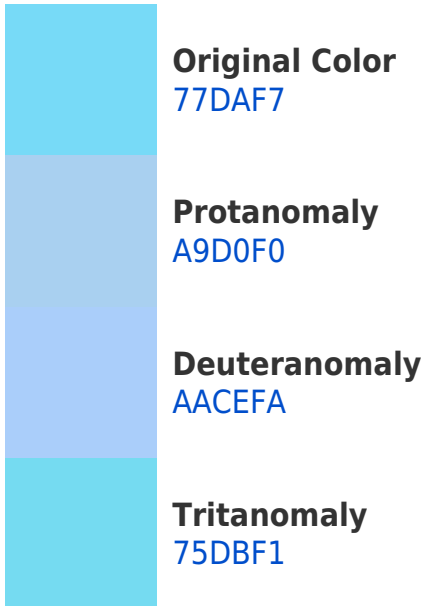
Dichromacy



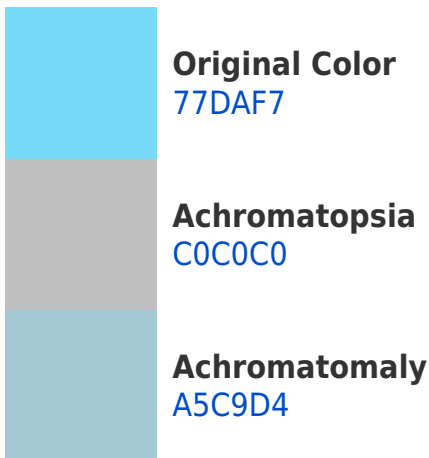


Tritanopia
74DCED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77DAF7 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 #77DAF7 looks like.

```
.text, #text, p{  
    color:#77DAF7  
}
```

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 #77DAF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77DAF7
}
```

Border

The CSS property to change the border of an element to Hex 77DAF7 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
#77DAF7 }
```

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

```
.border{ border-color:#77DAF7 }
```

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

Here you see how a box with a 4 pixel #77DAF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77DAF7; -webkit-box-shadow:4px 4px  
4px 4px #77DAF7; box-shadow:4px 4px 4px  
4px #77DAF7 }
```

Background

The CSS property to change the background color of an element to Hex 77DAF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77DAF7 }
```

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

```
.background{ background-color:#77DAF7 }
```

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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