

Converting Colors

Hex(7ADEFE)

Have a look what the booklet for
Hex(7ADEFE) contains.

Hex(7ADEFE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7ADEFE)

Conversions

Conversions Part 1

Format	Color
Hex	7ADEFE
RGB	122, 222, 254
RGB Percent	48%, 87%, 100%
CMY	0.5216, 0.1294, 0.0039
CMYK	0.52, 0.13, 0.00, 0.00
HSL	195°, 99%, 74%
HSV	195°, 52%, 100%
XYZ	52.0367, 63.5359, 103.2870
YIQ	195.7480, -69.8720, -11.2480

Conversions

Conversions Part 2

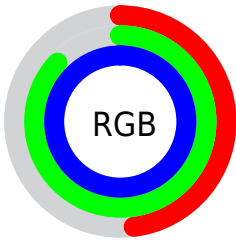
Format	Color
RYB	122, 179, 254
Decimal	8052478
CIELab	83.72, -20.81, -24.58
CIELCh	84, 32.202, 229.746
Yxy	63.5359, 0.2378, 0.2903
Android (android.graphics.Color)	4286242558 (0xFF7ADEFE)
YUV	195.7480, 28.7182, -64.6770
Hunter-Lab	79.7094, -22.9612, -21.0310

Details

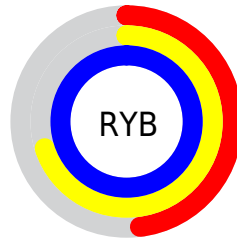
The Hex color **7ADEFE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FE9A7A**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B6FFFF**, and **39A7C5** is the 20% darker color. If you saturate the color by 10%, you get **61D8FE**, and if you desaturate by 10%, it is **93E4FE**.

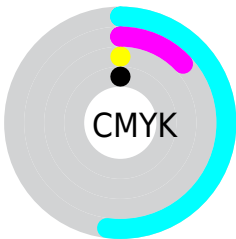
Distribution



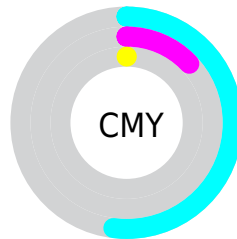
- Red (48%)
- Green (87%)
- Blue (100%)



- Red (48%)
- Yellow (70%)
- Blue (100%)



- Cyan (52%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7ADEFE 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 7ADEFE by changing the saturation by 10% instead.

 7ADEFE

 7ADEFE

FFFFFF

 5BC2E1

 B6FFFF

 39A7C5

 D4FFFF

 008CAA

 F2FFFF

 00738F

 005A76

 00425D

 002C45

 00182F

 00011A

■ 7ADEFE

■ 7ADEFE

■ 61D8FE

■ 93E4FE

■ 47D2FE

■ ADEAFE

■ 2ECCFE

■ C6F0FE

■ 14C5FE

■ E0F7FE

■ 00C0FE

■ F9FDFF

FFFFFE

Harmonies

Analogous

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



76E1E4



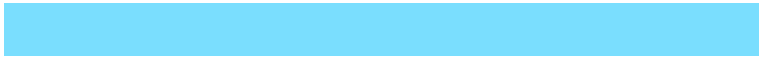
7ADEFE



9BD7FF

Triad

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



7ADEFE



FFBBDC



D2D597

Complementary

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



7ADEFE



FE9A7A

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.



F0CB95



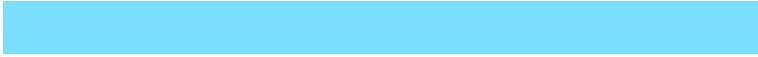
7ADEFE



FFBBBE

Square

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



7ADEF8



EDC2F8



FFC1A4



AFDDA9

Rectangle

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



7ADEFE



B9D0FF



FFC1A4



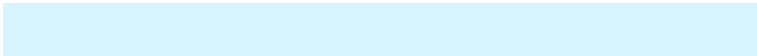
DDD295

Sweetspot

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



7ADEFE



D6F5FF



7AFE99



677A80



000000



808080

Same Dimension

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



7ADEFE



61D9FF



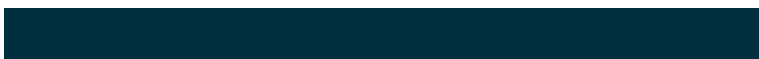
7A9DFE



737C80



0091BF



003040

Inverse Universe

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



FE7ADE



FF61D9



FEDB7A



80737C



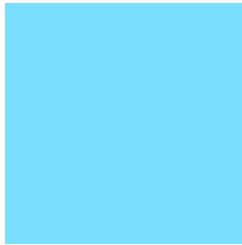
BF0091



400030

Previews

White Background



This preview shows how the Hex color 7ADEFE looks on a white background.

Color Contrast Check

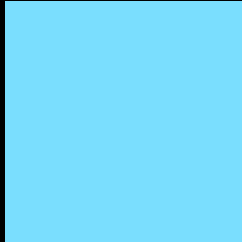
Large Text (above 18pt) WCAG AA × Fail

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 7ADEFE 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 7ADEFE Background



This preview shows how black text looks on a background with the Hex color 7ADEFE.

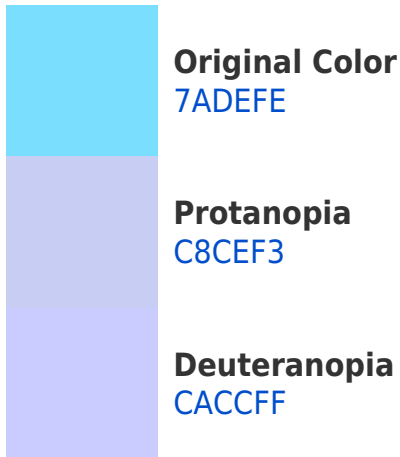


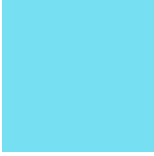
This preview shows how white text looks on a background with the Hex color 7ADEFE.

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](#).

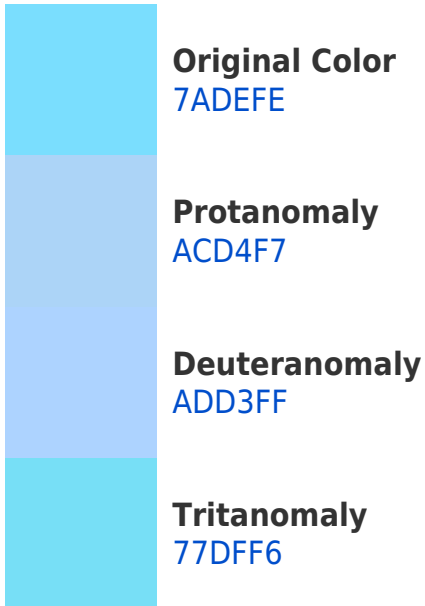
Dichromacy



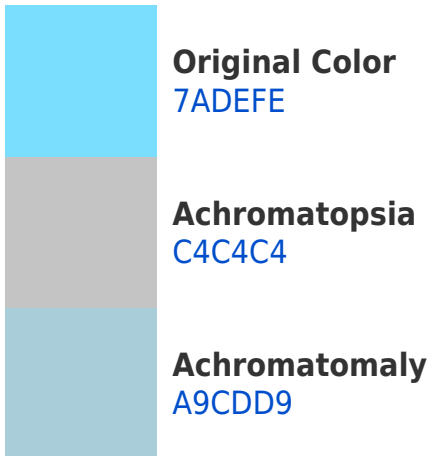


Tritanopia
76E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7ADEFE 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 #7ADEFE looks like.

```
.text, #text, p{  
    color:#7ADEFE  
}
```

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 #7ADEFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ADEFE
}
```

Border

The CSS property to change the border of an element to Hex 7ADEFE 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
#7ADEFE }
```

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

```
.border{ border-color:#7ADEFE }
```

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

Here you see how a box with a 4 pixel #7ADEFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ADEFE; -webkit-box-shadow:4px 4px  
4px 4px #7ADEFE; box-shadow:4px 4px 4px  
4px #7ADEFE }
```

Background

The CSS property to change the background color of an element to Hex 7ADEFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ADEFE }
```

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

```
.background{ background-color:#7ADEFE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor