

# Converting Colors

Hex(7ADFE3)

Have a look what the booklet for  
Hex(7ADFE3) contains.

<b>Hex(7ADFE3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7ADFE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7ADFE3
RGB	122, 223, 227
RGB Percent	48%, 87%, 89%
CMY	0.5216, 0.1255, 0.1098
CMYK	0.46, 0.02, 0.00, 0.11
HSL	182°, 65%, 68%
HSV	182°, 46%, 89%
XYZ	48.2788, 62.4590, 82.1843
YIQ	193.2570, -61.4800, -20.1680

# Conversions

## Conversions Part 2

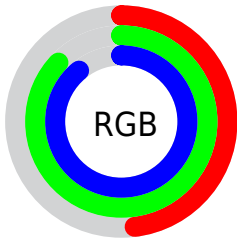
Format	Color
<a href="#">RYB</a>	<a href="#">122, 173, 227</a>
Decimal	<a href="#">8052707</a>
CIELab	<a href="#">83.16, -28.46, -11.14</a>
CIELCh	<a href="#">83, 30.561, 201.375</a>
Yxy	<a href="#">62.4590, 0.2503, 0.3238</a>
Android (android.graphics.Color)	<a href="#">4286242787 (0xFF7ADFE3)</a>
YUV	<a href="#">193.2570, 16.6353, -62.4924</a>
Hunter-Lab	<a href="#">79.0310, -29.2613, -6.3339</a>

# Details

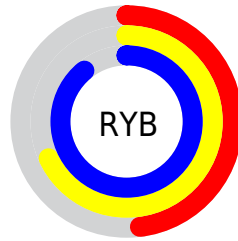
The Hex color **7ADFE3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E37E7A**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **B4FFFF**, and **3DA7AC** is the 20% darker color. If you saturate the color by 10%, you get **63DEE3**, and if you desaturate by 10%, it is **91E0E3**.

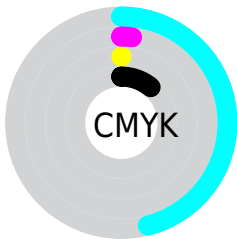
# Distribution



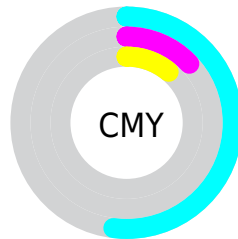
- Red (48%)
- Green (87%)
- Blue (89%)



- Red (48%)
- Yellow (68%)
- Blue (89%)



- Cyan (46%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (52%)
- Magenta (13%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7ADFE3 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 7ADFE3 by changing the saturation by 10% instead.



 7ADFE3

 7ADFE3

FFFFFF

 5CC3C7

 B4FFFF

 3DA7AC

 D2FFFF

 148D91

 F0FFFF

 007378

 005A5F

 004247

 002B31


 00141C

 000000

 7ADFE3

 7ADFE3

 63DEE3

 91E0E3

 4DDDE3

 A7E1E3

 36DCE3

 BEE2E3

 1FDCE3

 D5E2E3

 09DBE3

 EBE3E3

 00DAE3

 FFE4E3

 FFE5E3

 FFE6E3

 FFE7E3

# Harmonies

## Analogous

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



8EDFC6



7ADFE3



80DBFB

# Triad

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



7ADFE3



ECC1F3



ECCA97

# Complementary

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



7ADFE3



E37E7A

# 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.



FFC1A3



7ADFE3



FFBBD9

# Square

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



7ADFE3



C8CBFF



FFBBBC



CFD499

# Rectangle

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



7ADFE3



93D7FF



FFBBBC



F4C799



# Sweetspot

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



7ADFE3



DBFEFF



7AE37D



6A7F80



000000



808080



# Same Dimension

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



7ADFE3



70FAFF



7AABE3



677273



00ACB3



003133



# Inverse Universe

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



E37ADF



FF70FA



E3B27A



736772



B300AC

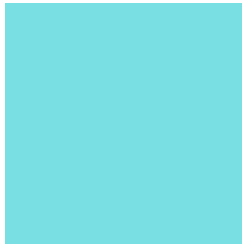


330031



# Previews

## White Background



This preview shows how the Hex color 7ADFE3 looks on a white background.

## Color Contrast Check

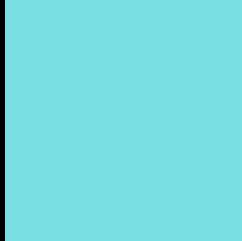
Large Text (above 18pt) WCAG AA × Fail

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 7ADFE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

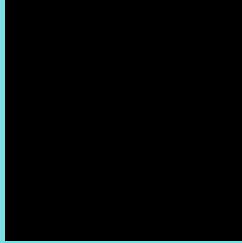
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7ADFE3 Background



This preview shows how black text looks on a background with the Hex color 7ADFE3.

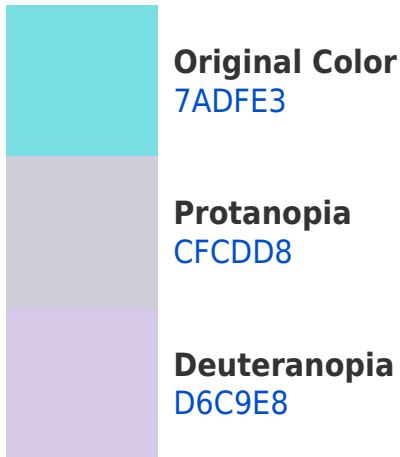


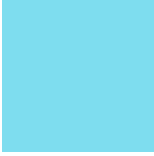
This preview shows how white text looks on a background with the Hex color 7ADFE3.

# 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**  
7EDDEF

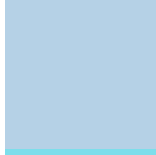
# Trichromacy



**Original Color**  
7ADFE3



**Protanomaly**  
B0D4DC



**Deuteranomaly**  
B5D1E6

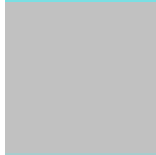


**Tritanomaly**  
7DDEEB

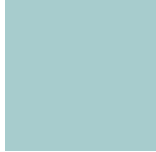
# Monochromacy



**Original Color**  
7ADFE3



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
A7CCCD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7ADFE3 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 #7ADFE3 looks like.

```
.text, #text, p{  
    color:#7ADFE3  
}
```

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 #7ADFE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ADFE3  
}
```

## Border

The CSS property to change the border of an element to Hex 7ADFE3 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  
#7ADFE3 }
```

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

```
.border{ border-color:#7ADFE3 }
```

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

Here you see how a box with a 4 pixel #7ADFE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ADFE3; -webkit-box-shadow:4px 4px  
4px 4px #7ADFE3; box-shadow:4px 4px 4px  
4px #7ADFE3 }
```

# Background

The CSS property to change the background color of an element to Hex 7ADFE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ADFE3 }
```

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

```
.background{ background-color:#7ADFE3 }
```

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