

# Converting Colors

Hex(7FDAE6)

Have a look what the booklet for  
Hex(7FDAE6) contains.

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# **Color**

**Hex(7FDAE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FDAE6
RGB	127, 218, 230
RGB Percent	50%, 85%, 90%
CMY	0.5020, 0.1451, 0.0980
CMYK	0.45, 0.05, 0.00, 0.10
HSL	187°, 67%, 70%
HSV	187°, 45%, 90%
XYZ	48.1067, 60.3680, 83.9796
YIQ	192.1590, -58.0880, -15.5600

# Conversions

## Conversions Part 2

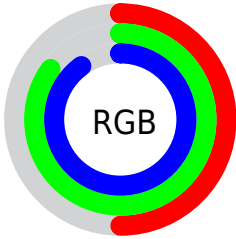
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 175, 230
Decimal	8379110
CIELab	82.04, -24.11, -14.38
CIELCh	82, 28.075, 210.821
Yxy	60.3680, 0.2500, 0.3137
Android (android.graphics.Color)	4286569190 (0xFF7FDAE6)
YUV	192.1590, 18.6556, -57.1444
Hunter-Lab	77.6968, -25.4495, -9.6965

# Details

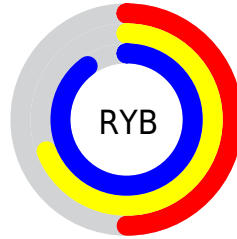
The Hex color **7FDAE6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E68B7F**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B9FFFF**, and **44A3AF** is the 20% darker color. If you saturate the color by 10%, you get **68D7E6**, and if you desaturate by 10%, it is **96DDE6**.

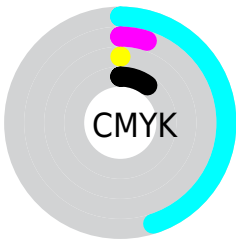
# Distribution



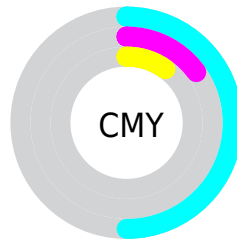
- Red (50%)
- Green (85%)
- Blue (90%)



- Red (50%)
- Yellow (69%)
- Blue (90%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (50%)
- Magenta (15%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FDAE6 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 7FDAE6 by changing the saturation by 10% instead.



 7FDAE6

 7FDAE6

FFFFFF

 62BECA

 B9FFFF

 44A3AF

 D6FFFF

 218894

 F4FFFF

 006F7A

 005661

 003E49

 002833

 000F1E

 000002

 7FDAE6

 7FDAE6

 68D7E6

 96DDE6

 51D5E6

 ADDFE6

 3AD2E6

 C4E2E6

 23CFE6

 DBE5E6

 0CCDE6

 F2E7E6

 00CBE6

 FFEAE6

 FFEDE6

 FFEFE6

 FFF2E6

# Harmonies

## Analogous

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



8ADBCC



7FDAE6



8DD6F9

# Triad

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



7FDAE6



EFBDE6



DFCA97

# Complementary

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



7FDAE6



E68B7F

# 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.



F5C29F



7FDAE6



FFB9CC

# Square

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



7FDAE6



D1C5F9



FFBBB2



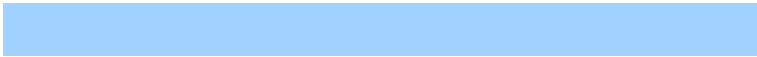
C2D39E

# Rectangle

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



7FDAE6



A1D1FF



FFBBB2



E7C898

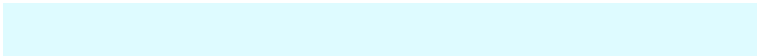


# Sweetspot

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



7FDAE6



DEFBFF



7FE689



6B7D80



000000



808080



# Same Dimension

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



7FDAE6



75EFFF



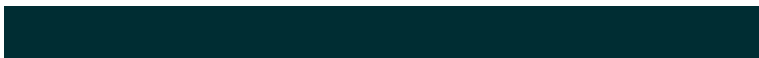
7FA8E6



677173



009EB3



002D33



# Inverse Universe

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



E67FDA



FF75EF



E6BD7F



736771



B3009E

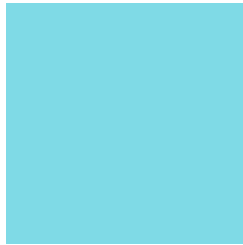


33002D



# Previews

## White Background



This preview shows how the Hex color 7FDAE6 looks on a white background.

## Color Contrast Check

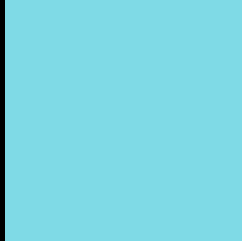
Large Text (above 18pt) WCAG AA × Fail

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 7FDAE6 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 7FDAE6 Background



This preview shows how black text looks on a background with the Hex color 7FDAE6.

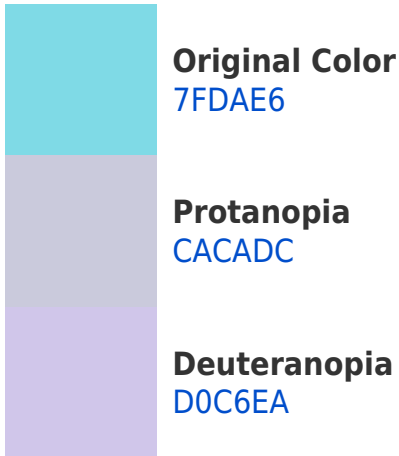


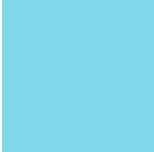
This preview shows how white text looks on a background with the Hex color 7FDAE6.

# 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](#).

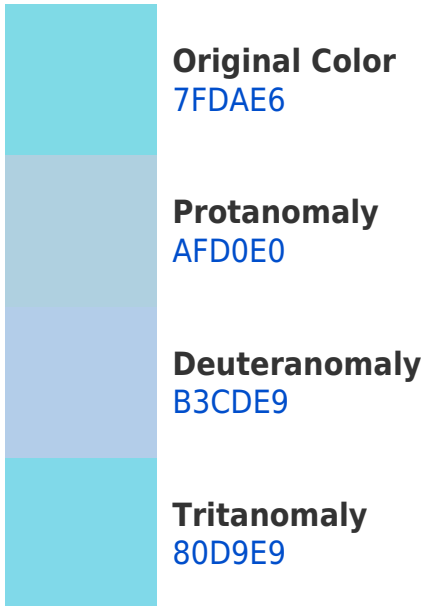
## Dichromacy



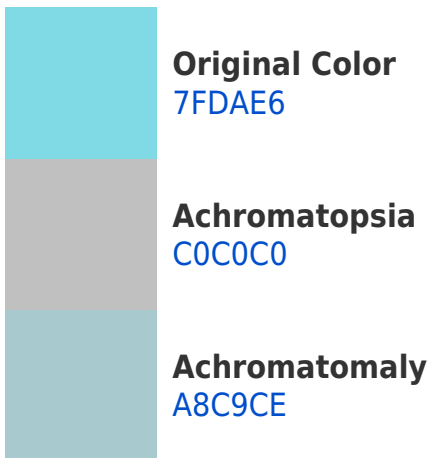


**Tritanopia**  
80D9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FDAE6 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 #7FDAE6 looks like.

```
.text, #text, p{  
    color:#7FDAE6  
}
```

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 #7FDAE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FDAE6
}
```

## Border

The CSS property to change the border of an element to Hex 7FDAE6 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
#7FDAE6 }
```

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

```
.border{ border-color:#7FDAE6 }
```

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

Here you see how a box with a 4 pixel #7FDAE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FDAE6; -webkit-box-shadow:4px 4px  
4px 4px #7FDAE6; box-shadow:4px 4px 4px  
4px #7FDAE6 }
```

# Background

The CSS property to change the background color of an element to Hex 7FDAE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FDAE6 }
```

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

```
.background{ background-color:#7FDAE6 }
```

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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