

# Converting Colors

Hex(7FD0E6)

Have a look what the booklet for  
Hex(7FD0E6) contains.

<b>Hex(7FD0E6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(7FD0E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FD0E6
RGB	127, 208, 230
RGB Percent	50%, 82%, 90%
CMY	0.5020, 0.1843, 0.0980
CMYK	0.45, 0.10, 0.00, 0.10
HSL	193°, 67%, 70%
HSV	193°, 45%, 90%
XYZ	45.5912, 55.3369, 83.1411
YIQ	186.2890, -55.3380, -10.3300

# Conversions

## Conversions Part 2

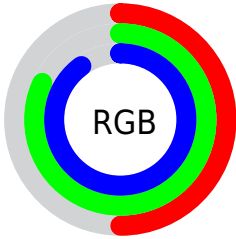
Format	Color
<a href="#">RYB</a>	<a href="#">127, 172, 230</a>
Decimal	<a href="#">8376550</a>
CIELab	<a href="#">79.23, -19.10, -18.60</a>
CIElCh	<a href="#">79, 26.662, 224.249</a>
Yxy	<a href="#">55.3369, 0.2477, 0.3006</a>
Android (android.graphics.Color)	<a href="#">4286566630 (0xFF7FD0E6)</a>
YUV	<a href="#">186.2890, 21.5495, -51.9965</a>
Hunter-Lab	<a href="#">74.3888, -20.7818, -14.1937</a>

# Details

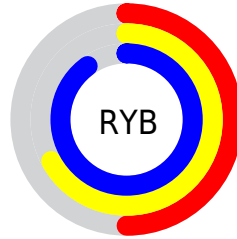
The Hex color **7FD0E6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E6957F**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B8FFFF**, and **4599AE** is the 20% darker color. If you saturate the color by 10%, you get **68CBE6**, and if you desaturate by 10%, it is **96D5E6**.

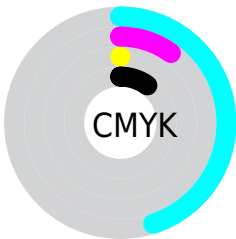
# Distribution



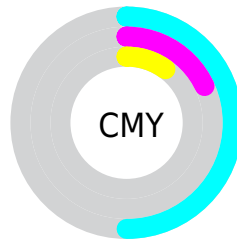
- Red (50%)
- Green (82%)
- Blue (90%)



- Red (50%)
- Yellow (67%)
- Blue (90%)



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



- Cyan (50%)
- Magenta (18%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FD0E6 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 7FD0E6 by changing the saturation by 10% instead.



 7FD0E6

 7FD0E6

FFFFFF

 62B4CA

 B8FFFF

 4599AE

 D6FFFF

 247F94

 F3FFFF

 00667A

 004E61

 003749

 002233

 00021E

 000000

 7FD0E6

 7FD0E6

 68CBE6

 96D5E6

 51C6E6

 ADDAE6

 3AC1E6

 C4DFE6

 23BCE6

 DBE4E6

 0CB7E6

 F2E9E6

 00B5E6

 FFEDE6

 FFF2E6

 FFF7E6

 FFFCE6

# Harmonies

## Analogous

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



7FD2D0



7FD0E6



95CAF3

# Triad

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



7FD0E6



EEB4D2



CAC694

# Complementary

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



7FD0E6



E6957F

# 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.



E3BE95



7FD0E6



F7B3B9

# Square

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



7FD0E6



D7BAE8



F3B7A3



AECD A0

# Rectangle

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



7FD0E6



ABC5F5



F3B7A3



D3C493

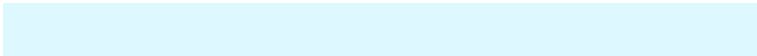


# Sweetspot

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



7FD0E6



DEF8FF



7FE694



6B7B80



000000



808080

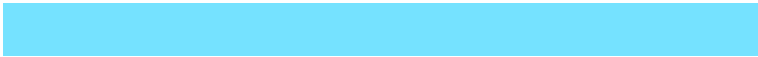


# Same Dimension

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



7FD0E6



75E2FF



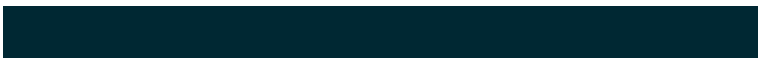
7F9EE6



677073



008CB3



002833



# Inverse Universe

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



E67FD0



FF75E2



E6C77F



736770



B3008C

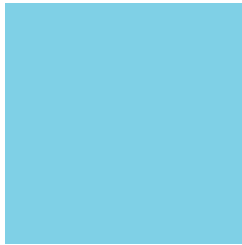


330028



# Previews

## White Background



This preview shows how the Hex color 7FD0E6 looks on a white background.

## Color Contrast Check

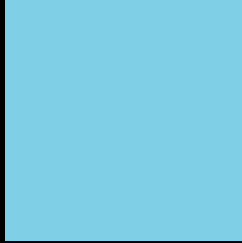
Large Text (above 18pt) WCAG AA × Fail

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 7FD0E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

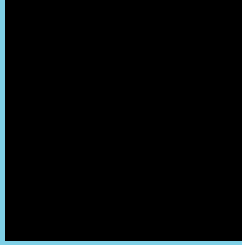
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FD0E6 Background



This preview shows how black text looks on a background with the Hex color 7FD0E6.

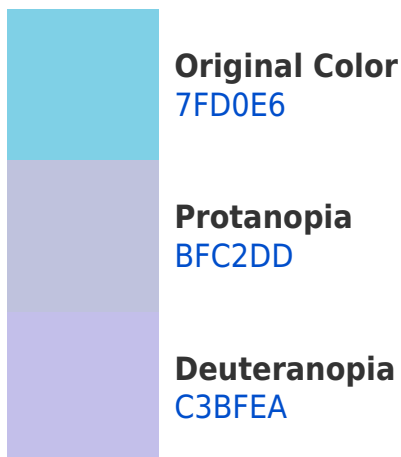


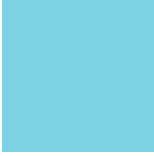
This preview shows how white text looks on a background with the Hex color 7FD0E6.

# 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](#).

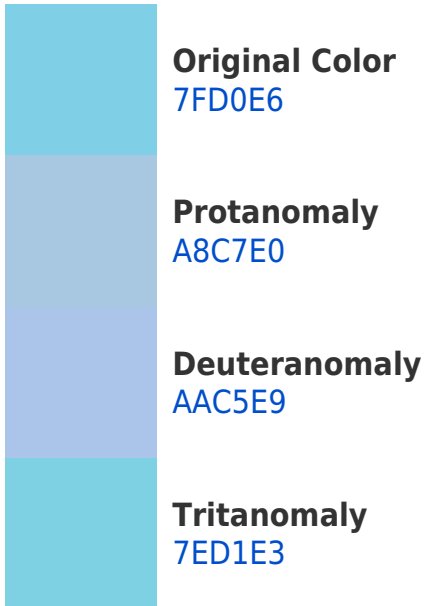
## Dichromacy



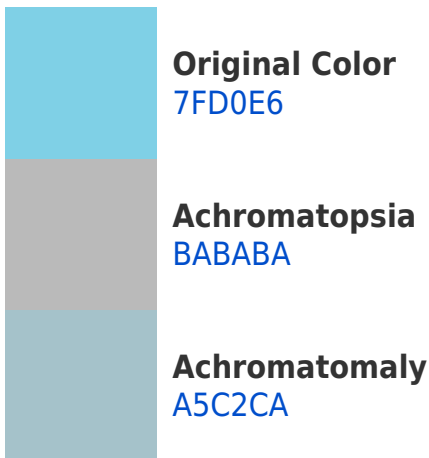


**Tritanopia**  
7ED1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FD0E6 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 #7FD0E6 looks like.

```
.text, #text, p{  
    color:#7FD0E6  
}
```

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 #7FD0E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD0E6
}
```

## Border

The CSS property to change the border of an element to Hex 7FD0E6 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
#7FD0E6 }
```

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

```
.border{ border-color:#7FD0E6 }
```

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

Here you see how a box with a 4 pixel #7FD0E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD0E6; -webkit-box-shadow:4px 4px  
4px 4px #7FD0E6; box-shadow:4px 4px 4px  
4px #7FD0E6 }
```

# Background

The CSS property to change the background color of an element to Hex 7FD0E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD0E6 }
```

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

```
.background{ background-color:#7FD0E6 }
```

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