

# Converting Colors

Hex(7FDBE0)

Have a look what the booklet for  
Hex(7FDBE0) contains.

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# **Color**

**Hex(7FDBE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FDBE0
RGB	127, 219, 224
RGB Percent	50%, 86%, 88%
CMY	0.5020, 0.1412, 0.1216
CMYK	0.43, 0.02, 0.00, 0.12
HSL	183°, 61%, 69%
HSV	183°, 43%, 88%
XYZ	47.5385, 60.5569, 79.7041
YIQ	192.0620, -56.4370, -17.9490

# Conversions

## Conversions Part 2

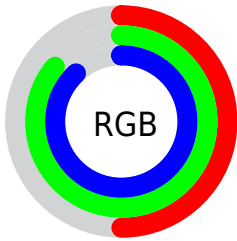
Format	Color
<a href="#">RYB</a>	<a href="#">127, 174, 224</a>
Decimal	<a href="#">8379360</a>
CIELab	<a href="#">82.14, -26.13, -11.04</a>
CIELCh	<a href="#">82, 28.362, 202.910</a>
Yxy	<a href="#">60.5569, 0.2531, 0.3225</a>
Android (android.graphics.Color)	<a href="#">4286569440 (0xFF7FDBE0)</a>
YUV	<a href="#">192.0620, 15.7454, -57.0594</a>
Hunter-Lab	<a href="#">77.8183, -27.1381, -6.2540</a>

# Details

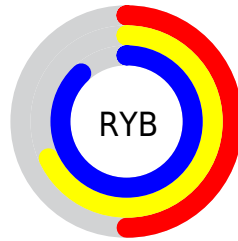
The Hex color **7FDBE0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E0847F**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B9FFFF**, and **45A4A9** is the 20% darker color. If you saturate the color by 10%, you get **69DAE0**, and if you desaturate by 10%, it is **95DCE0**.

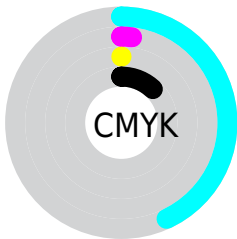
# Distribution



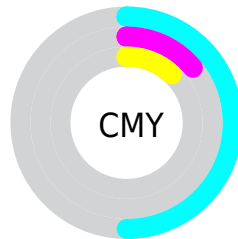
- Red (50%)
- Green (86%)
- Blue (88%)



- Red (50%)
- Yellow (68%)
- Blue (88%)



- Cyan (43%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (50%)
- Magenta (14%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FDBE0 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 7FDBE0 by changing the saturation by 10% instead.



 7FDBE0

 7FDBE0

FFFFFF

 62BFC4

 B9FFFF

 45A4A9

 D6FFFF

 23898E

 F3FFFF

 007075

 00575C

 003F45

 00292E

 000F1A

 000000

 7FDBE0

 7FDBE0

 69DAE0

 95DCE0

 52D9E0

 ACDDE0

 3CD8E0

 C2DEE0

 25D6E0

 D9E0E0

 0FD5E0

 EFE1E0

 00D4E0

 FFE2E0

 FFE3E0

 FFE4E0

 FFE5E0

# Harmonies

## Analogous

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



90DBC5



7FDBE0



86D7F6

# Triad

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



7FDBE0



E9BFED



E6C898

# Complementary

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



7FDBE0



E0847F

# 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.



FAC0A3



7FDBE0



FDBAD4

# Square

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



7FDBE0



C8C8FD



FFBAB9



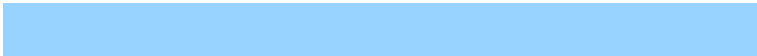
CAD19B

# Rectangle

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



7FDBE0



98D3FE



FFBAB9



EEC59A

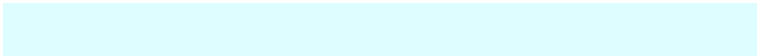


# Sweetspot

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



7FDBE0



DEFDFF



7FE084



6B7E80



000000



808080



# Same Dimension

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



7FDBE0



7AF8FF



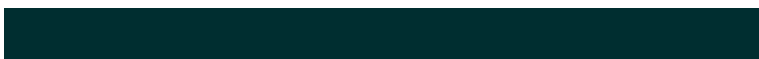
7FABE0



657070



00A7B0



002E30



# Inverse Universe

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



E07FDB



FF7AF8



E0B47F



706570



B000A7

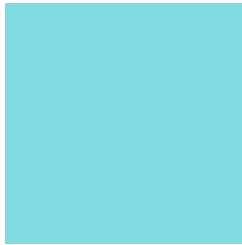


30002E



# Previews

## White Background



This preview shows how the Hex color 7FDBE0 looks on a white background.

## Color Contrast Check

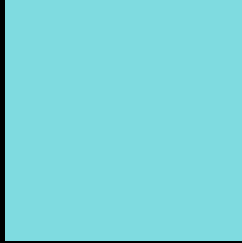
Large Text (above 18pt) WCAG AA × Fail

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 7FDBE0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

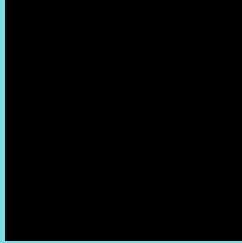
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FDBE0 Background



This preview shows how black text looks on a background with the Hex color 7FDBE0.

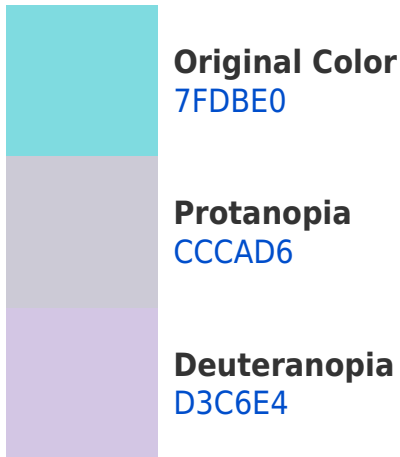


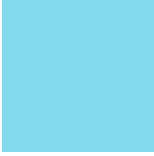
This preview shows how white text looks on a background with the Hex color 7FDBE0.

# 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



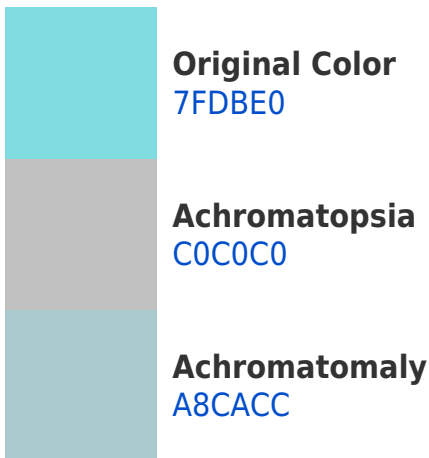


**Tritanopia**  
82D9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FDBE0 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 #7FDBE0 looks like.

```
.text, #text, p{  
    color:#7FDBE0  
}
```

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 #7FDBE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FDBE0
}
```

## Border

The CSS property to change the border of an element to Hex 7FDBE0 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
#7FDBE0 }
```

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

```
.border{ border-color:#7FDBE0 }
```

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

Here you see how a box with a 4 pixel #7FDBE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FDBE0; -webkit-box-shadow:4px 4px  
4px 4px #7FDBE0; box-shadow:4px 4px 4px  
4px #7FDBE0 }
```

# Background

The CSS property to change the background color of an element to Hex 7FDBE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FDBE0 }
```

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

```
.background{ background-color:#7FDBE0 }
```

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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