

Converting Colors

Hex(7FDDE0)

Have a look what the booklet for
Hex(7FDDE0) contains.

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Color

Hex(7FDDE0)

Conversions

Conversions Part 1

Format	Color
Hex	7FDDE0
RGB	127, 221, 224
RGB Percent	50%, 87%, 88%
CMY	0.5020, 0.1333, 0.1216
CMYK	0.43, 0.01, 0.00, 0.12
HSL	182°, 61%, 69%
HSV	182°, 43%, 88%
XYZ	48.0634, 61.6067, 79.8791
YIQ	193.2360, -56.9870, -18.9950

Conversions

Conversions Part 2

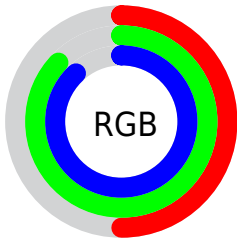
Format	Color
RYB	127, 175, 224
Decimal	8379872
CIELab	82.70, -27.10, -10.20
CIELCh	83, 28.956, 200.627
Yxy	61.6067, 0.2536, 0.3250
Android (android.graphics.Color)	4286569952 (0xFF7FDDE0)
YUV	193.2360, 15.1667, -58.0890
Hunter-Lab	78.4900, -28.0528, -5.3963

Details

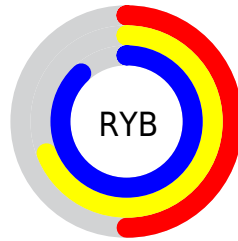
The Hex color **7FDDE0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E0827F**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **B9FFFF**, and **44A6A9** is the 20% darker color. If you saturate the color by 10%, you get **69DCE0**, and if you desaturate by 10%, it is **95DEE0**.

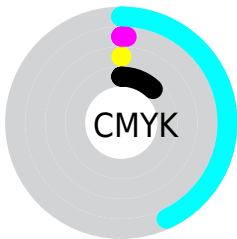
Distribution



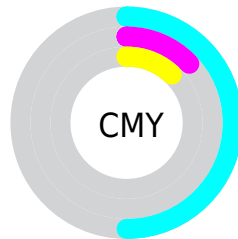
- Red (50%)
- Green (87%)
- Blue (88%)



- Red (50%)
- Yellow (69%)
- Blue (88%)



- Cyan (43%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (50%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FDDE0 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 7FDDE0 by changing the saturation by 10% instead.

 7FDDE0

 7FDDE0

FFFFFF

 62C1C4

 B9FFFF

 44A6A9

 D6FFFF

 228B8E

 F4FFFF

 007175

 00585C

 004145

 002A2F

 00121A

 000000

 7FDDE0

 7FDDE0

 69DCE0

 95DEE0

 52DCE0

 ACDEE0

 3CDBE0

 C2DFE0

 25DAE0

 D9E0E0

 0FDAE0

 EFE0E0

 00D9E0

 FFE1E0

 FFE2E0

 FFE3E0

Harmonies

Analogous

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



92DDC4



7FDDE0



84DAF7

Triad

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



7FDDE0



E9C1F1



EAC999

Complementary

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



7FDDE0



E0827F

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.



FEC0A5



7FDDE0



FFBBD8

Square

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



7FDDE0



C7CAFF



FFBBBC



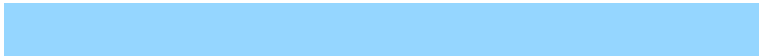
CED29B

Rectangle

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



7FDDE0



95D6FF



FFBBBC



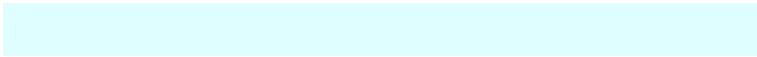
F2C69B

Sweetspot

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



7FDDE0



DEFEFF



7FE081



6B7F80



000000



808080

Same Dimension

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



7FDDE0



7AFBFF



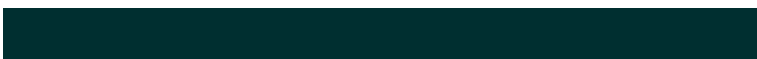
7FAEE0



657070



00ABB0



002F30

Inverse Universe

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



E07FDD



FF7AFB



E0B17F



706570



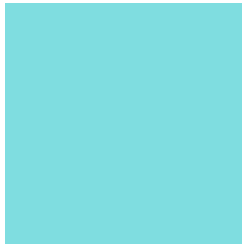
B000AB



30002F

Previews

White Background



This preview shows how the Hex color 7FDDE0 looks on a white background.

Color Contrast Check

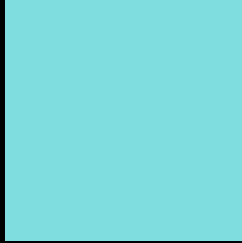
Large Text (above 18pt) WCAG AA × Fail

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 7FDDE0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

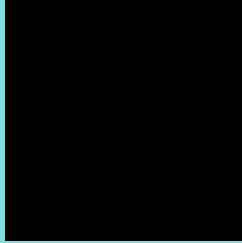
Any Text WCAG AA ✓ Pass

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 7FDDE0 Background



This preview shows how black text looks on a background with the Hex color 7FDDE0.

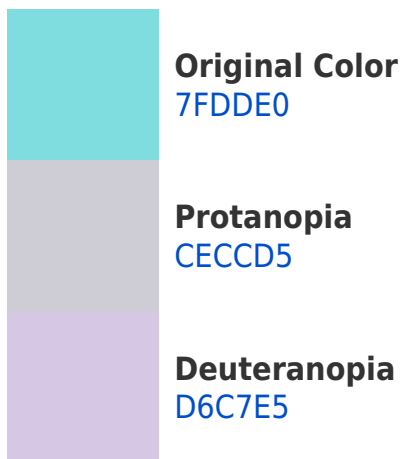


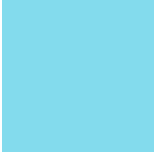
This preview shows how white text looks on a background with the Hex color 7FDDE0.

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
83DBED

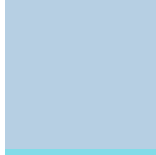
Trichromacy



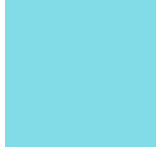
Original Color
7FDDE0



Protanomaly
B1D2D9



Deuteranomaly
B6CFE3

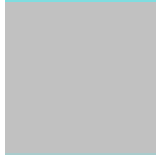


Tritanomaly
82DCE8

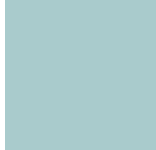
Monochromacy



Original Color
7FDDE0



Achromatopsia
C1C1C1



Achromatomaly
A9CBCC

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FDDE0 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 #7FDDE0 looks like.

```
.text, #text, p{  
    color:#7FDDE0  
}
```

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 #7FDDE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FDDE0  
}
```

Border

The CSS property to change the border of an element to Hex 7FDDE0 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  
#7FDDE0 }
```

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

```
.border{ border-color:#7FDDE0 }
```

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

Here you see how a box with a 4 pixel #7FDDE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FDDE0; -webkit-box-shadow:4px 4px  
4px 4px #7FDDE0; box-shadow:4px 4px 4px  
4px #7FDDE0 }
```

Background

The CSS property to change the background color of an element to Hex 7FDDE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FDDE0 }
```

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

```
.background{ background-color:#7FDDE0 }
```

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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