

Converting Colors

Hex(7FECDF)

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

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Color

Hex(7FECDF)

Conversions

Conversions Part 1

Format	Color
Hex	7FECDF
RGB	127, 236, 223
RGB Percent	50%, 93%, 87%
CMY	0.5020, 0.0745, 0.1255
CMYK	0.46, 0.00, 0.06, 0.07
HSL	173°, 74%, 71%
HSV	173°, 46%, 93%
XYZ	52.0671, 69.8306, 80.5465
YIQ	201.9270, -60.7910, -27.1510

Conversions

Conversions Part 2

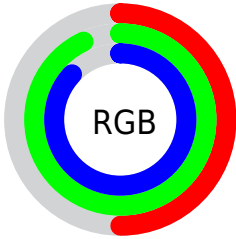
Format	Color
RYB	127, 185, 236
Decimal	8383711
CIELab	86.91, -34.48, -3.44
CIELCh	87, 34.650, 185.703
Yxy	69.8306, 0.2572, 0.3449
Android (android.graphics.Color)	4286573791 (0xFF7FECDF)
YUV	201.9270, 10.3890, -65.7110
Hunter-Lab	83.5647, -35.0193, 1.3468

Details

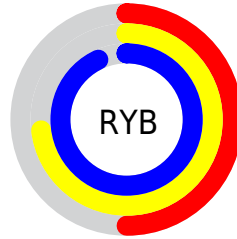
The Hex color **7FECDF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EC7F8C**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **B9FFFF**, and **43B4A8** is the 20% darker color. If you saturate the color by 10%, you get **67ECDC**, and if you desaturate by 10%, it is **97ECE2**.

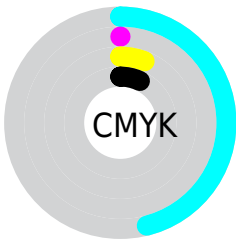
Distribution



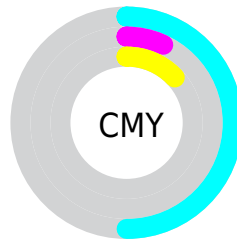
- Red (50%)
- Green (93%)
- Blue (87%)



- Red (50%)
- Yellow (73%)
- Blue (93%)



- Cyan (46%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (50%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 7FECDF

 7FECDF

FFFFFF

 62D0C3

 B9FFFF

 43B4A8

 D7FFFF

 1C998E

 F5FFFF

 007E74

 00655B

 004C44

 00342E

 002019

 000000

 7FECDF

 7FECDF

 67ECDC

 97ECE2

 50ECD9

 AEECE5

 38ECD7

 C6ECE7

 21ECD4

 DDECEA

 09ECD1

 F5ECED

 00ECD0

 FFECF0

 FFECF3

 FFECF6

 FFECF8

Harmonies

Analogous

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



A1EABE



7FECDF



72EAFF

Triad

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



7FECDF



E7CFFF



FFCE9F

Complementary

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



7FECDF



EC7F8C

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.



FFC5B5



7FECDF



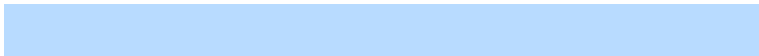
FFC5F5

Square

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



7FECDF



B8DBFF



FFC1D4



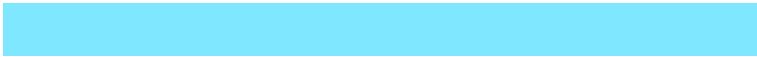
EBDA98

Rectangle

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



7FECDF



7FE7FF



FFC1D4



FFCBA4

Sweetspot

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



7FECDF



DBFFFB



8EEC7F



6A807D



000000



808080

Same Dimension

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



7FECDF



73FFEE



7FC4EC



6A7574



00B59F



00362F

Inverse Universe

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



EC7F8C



FF7383



ECA77F



756A6B



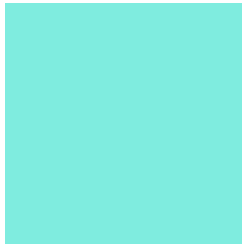
B50016



360006

Previews

White Background



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

Color Contrast Check

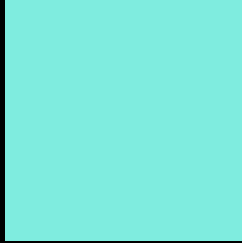
Large Text (above 18pt) WCAG AA × Fail

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 7FECDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

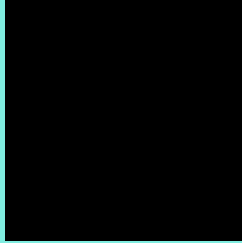
Any Text WCAG AA ✓ Pass

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 7FECDF Background



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

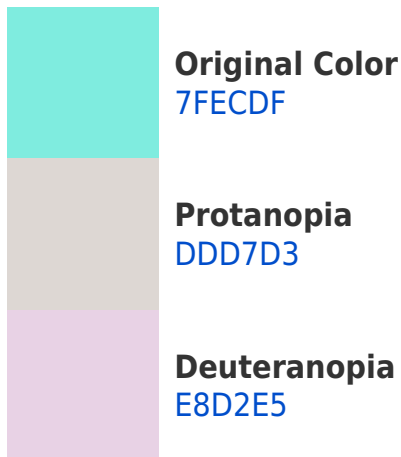


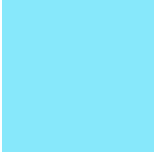
This preview shows how white text looks on a background with the Hex color 7FECDF.

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
87E8FB

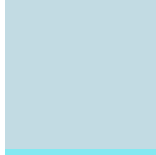
Trichromacy



Original Color
7FECDF



Protanomaly
BBD7D7



Deuteranomaly
C2DBE3

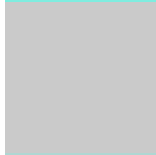


Tritanomaly
84E9F1

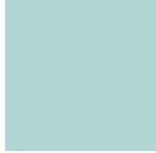
Monochromacy



Original Color
7FECDF



Achromatopsia
CACACA



Achromatomaly
AFD6D2

CSS Examples

Text

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

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

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 #7FECDF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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