

Converting Colors

Hex(7BFCE1)

Have a look what the booklet for
Hex(7BFCE1) contains.

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Color

Hex(7BFCE1)

Conversions

Conversions Part 1

Format	Color
Hex	7BFCE1
RGB	123, 252, 225
RGB Percent	48%, 99%, 88%
CMY	0.5176, 0.0118, 0.1176
CMYK	0.51, 0.00, 0.11, 0.01
HSL	167°, 96%, 74%
HSV	167°, 51%, 99%
XYZ	56.5694, 79.2680, 83.5529
YIQ	210.3510, -68.2170, -35.7450

Conversions

Conversions Part 2

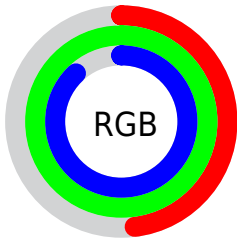
Format	Color
RYB	123, 195, 252
Decimal	8125665
CIELab	91.36, -42.16, 1.99
CIELCh	91, 42.204, 177.295
Yxy	79.2680, 0.2578, 0.3613
Android (android.graphics.Color)	4286315745 (0xFF7BFCE1)
YUV	210.3510, 7.2220, -76.6068
Hunter-Lab	89.0326, -42.3919, 6.6819

Details

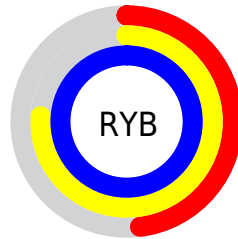
The Hex color **7BFCE1** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FC7B96**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **B7FFFF**, and **3AC3AA** is the 20% darker color. If you saturate the color by 10%, you get **62FCDC**, and if you desaturate by 10%, it is **94FCE6**.

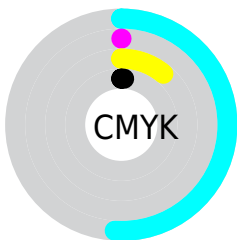
Distribution



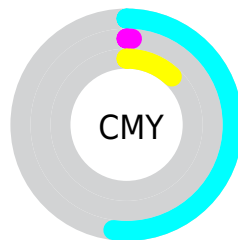
- Red (48%)
- Green (99%)
- Blue (88%)



- Red (48%)
- Yellow (76%)
- Blue (99%)



- Cyan (51%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)



- Cyan (52%)
- Magenta (1%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BFCE1 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 7BFCE1 by changing the saturation by 10% instead.

 7BFCE1

FFFFFF

 B7FFFF

 D5FFFF

 F3FFFF

 7BFCE1

 5CDFC5

 3AC3AA

 00A78F

 008C76

 00725D

 005946

 00402F

 002A1B

 000900

 7BFCE1

 7BFCE1

 62FCDC

 94FCE6

 49FCD6

 ADFCEC

 2FFCD1

 C7FCF1

 16FCCC

 E0FCF6

 00FCC7

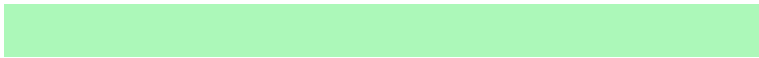
 F9FCFB

 FFFCFF

Harmonies

Analogous

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



ACF8B9



7BFCE1



57FBFF

Triad

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



7BFCE1



E6DDFF



FFD5A3

Complementary

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



7BFCE1



FC7B96

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.



FFCAC3



7BFCE1



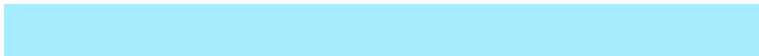
FFCFFF

Square

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



7BFCE1



A9EBFF



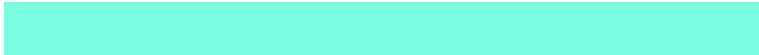
FFC8EC



FFE295

Rectangle

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



7BFCE1



5EF8FF



FFC8EC



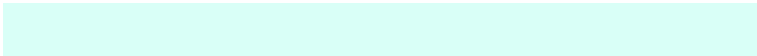
FFD0AC

Sweetspot

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



7BFCE1



D9FFF7



97FC7B



69807B



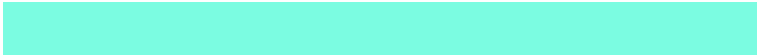
000000



808080

Same Dimension

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



7BFCE1



63FFDE



7BD7FC



707D7A



00BD95



003D30

Inverse Universe

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



FC7B96



FF6384



FCA07B



7D7073



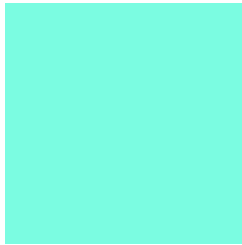
BD0027



3D000D

Previews

White Background



This preview shows how the Hex color 7BFCE1 looks on a white background.

Color Contrast Check

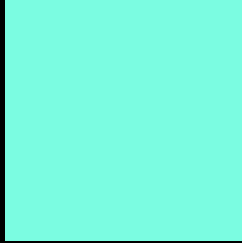
Large Text (above 18pt) WCAG AA × Fail

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 7BFCE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

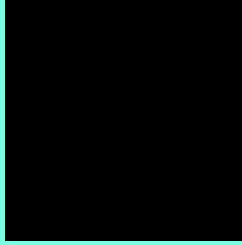
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

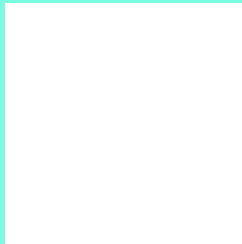
Any Text WCAG AAA ✓ Pass

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

Hex 7BFCE1 Background



This preview shows how black text looks on a background with the Hex color 7BFCE1.

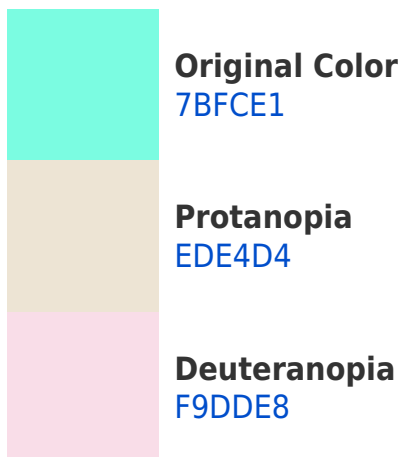


This preview shows how white text looks on a background with the Hex color 7BFCE1.

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
ACF1FF

Trichromacy



Original Color
7BFCE1



Protanomaly
C4EDD9



Deuteranomaly
CBE8E5

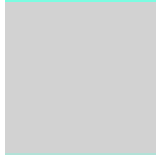


Tritanomaly
9AF5F4

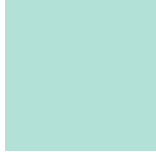
Monochromacy



Original Color
7BFCE1



Achromatopsia
D2D2D2



Achromatomaly
B2E1D7

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BFCE1 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 #7BFCE1 looks like.

```
.text, #text, p{  
    color:#7BFCE1  
}
```

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 #7BFCE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BFCE1
}
```

Border

The CSS property to change the border of an element to Hex 7BFCE1 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
#7BFCE1 }
```

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

```
.border{ border-color:#7BFCE1 }
```

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

Here you see how a box with a 4 pixel #7BFCE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BFCE1; -webkit-box-shadow:4px 4px  
4px 4px #7BFCE1; box-shadow:4px 4px 4px  
4px #7BFCE1 }
```

Background

The CSS property to change the background color of an element to Hex 7BFCE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BFCE1 }
```

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

```
.background{ background-color:#7BFCE1 }
```

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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