

Converting Colors

Hex(7BFCDC)

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

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Color

Hex(7BFCDC)

Conversions

Conversions Part 1

Format	Color
Hex	7BFCDC
RGB	123, 252, 220
RGB Percent	48%, 99%, 86%
CMY	0.5176, 0.0118, 0.1373
CMYK	0.51, 0.00, 0.13, 0.01
HSL	165°, 96%, 74%
HSV	165°, 51%, 99%
XYZ	55.8971, 78.9991, 80.0124
YIQ	209.7810, -66.6120, -37.3000

Conversions

Conversions Part 2

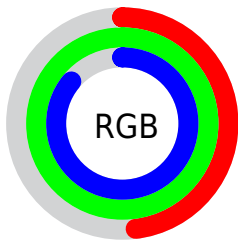
Format	Color
RYB	123, 197, 252
Decimal	8125660
CIELab	91.23, -43.31, 4.41
CIElCh	91, 43.529, 174.191
Yxy	78.9991, 0.2601, 0.3676
Android (android.graphics.Color)	4286315740 (0xFF7BFCDC)
YUV	209.7810, 5.0380, -76.1069
Hunter-Lab	88.8814, -43.2848, 8.8432

Details

The Hex color **7BFCDC** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FC7B9B**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **B7FFFF**, and **3AC3A5** is the 20% darker color. If you saturate the color by 10%, you get **62FCD6**, and if you desaturate by 10%, it is **94FCE2**.

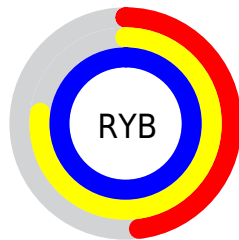
Distribution



Red (48%)

Green (99%)

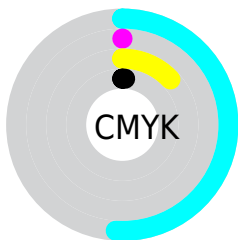
Blue (86%)



Red (48%)

Yellow (77%)

Blue (99%)

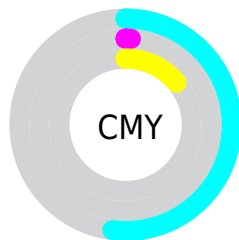


Cyan (51%)

Magenta (0%)

Yellow (13%)

Black (1%)



Cyan (52%)

Magenta (1%)

Yellow (14%)

Brightness & Saturation Gradients

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

 7BFCDC

 7BFCDC

FFFFFF

 5CDFC0

 B7FFFF

 3AC3A5

 D5FFFF

 00A78B

 F3FFFF

 008C71

 007259

 005942

 00402C

 002A17

 000800

 7BFCDC

 7BFCDC

 62FCD6

 94FCE2

 49FCCF

 ADFCE9

 2FFCC9

 C7FCEF

 16FCC3

 E0FCF5

 00FCBD

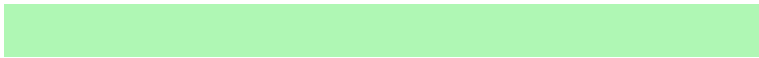
 F9FCFB

 FFFCFF

Harmonies

Analogous

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



AFF7B4



7BFCDC



4FFCFF

Triad

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



7BFCDC



E0DEFF



FFD2A4

Complementary

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



7BFCDC



FC7B9B

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.



FFC8C6



7BFCDC



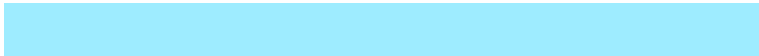
FFCFFF

Square

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



7BFCDC



9EECFE



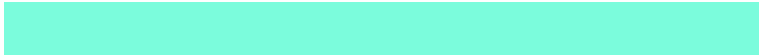
FFC7F0



FFE193

Rectangle

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



7BFCDC



51F9FF



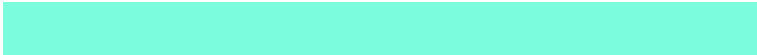
FFC7F0



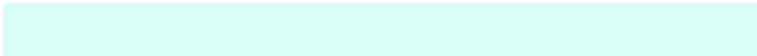
FFCEAE

Sweetspot

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



7BFCDC



D9FFF6



9BFC7B



69807A



000000



808080

Same Dimension

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



7BFCDC



63FFD8



7BDCFC



707D7A



00BD8E



003D2E

Inverse Universe

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



FC7B9B



FF638A



FC9B7B



7D7074



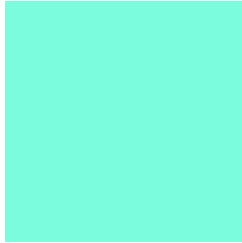
BD002F



3D000F

Previews

White Background



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

Color Contrast Check

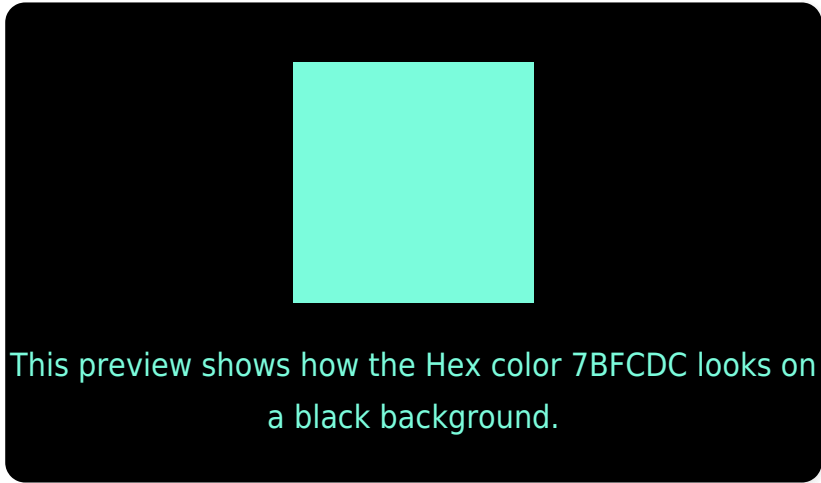
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

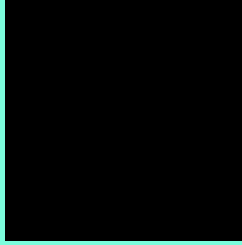
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

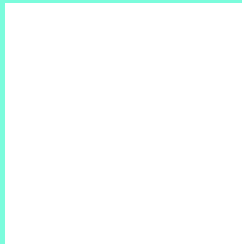
Any Text WCAG AAA ✓ Pass

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

Hex 7BFCDC Background



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

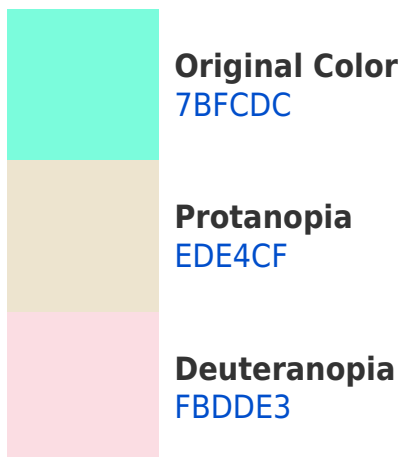


This preview shows how white text looks on a background with the Hex color 7BFCDC.

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
ABF1FF

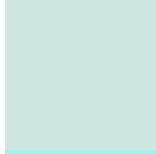
Trichromacy



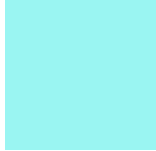
Original Color
7BFCDC



Protanomaly
C4EDD4

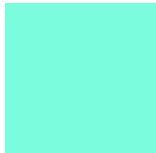


Deuteranomaly
CCE8E0

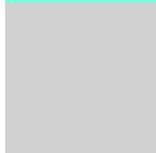


Tritanomaly
9AF5F2

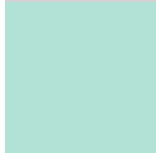
Monochromacy



Original Color
7BFCDC



Achromatopsia
D2D2D2



Achromatomaly
B2E1D6

CSS Examples

Text

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

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

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 #7BFCDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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