

Converting Colors

Hex(7BFDD2)

Have a look what the booklet for
Hex(7BFDD2) contains.

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Color

Hex(7BFDD2)

Conversions

Conversions Part 1

Format	Color
Hex	7BFDD2
RGB	123, 253, 210
RGB Percent	48%, 99%, 82%
CMY	0.5176, 0.0078, 0.1765
CMYK	0.51, 0.00, 0.17, 0.01
HSL	160°, 97%, 74%
HSV	160°, 51%, 99%
XYZ	54.9265, 79.1147, 73.3485
YIQ	209.2280, -63.6770, -40.9330

Conversions

Conversions Part 2

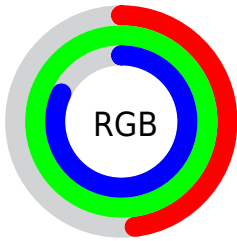
Format	Color
RYB	123, 201, 253
Decimal	8125906
CIELab	91.29, -45.97, 9.65
CIELCh	91, 46.972, 168.142
Yxy	79.1147, 0.2648, 0.3815
Android (android.graphics.Color)	4286315986 (0xFF7BFDD2)
YUV	209.2280, 0.3806, -75.6220
Hunter-Lab	88.9464, -45.4283, 13.3698

Details

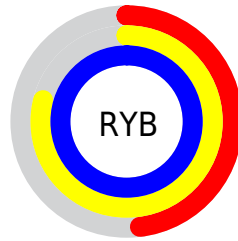
The Hex color **7BFDD2** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FD7BA6**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **B7FFFF**, and **3BC49C** is the 20% darker color. If you saturate the color by 10%, you get **62FDCA**, and if you desaturate by 10%, it is **94FDDA**.

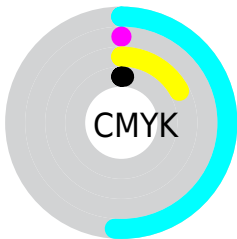
Distribution



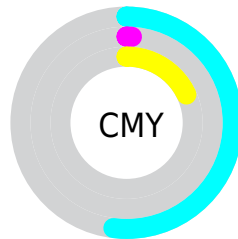
- Red (48%)
- Green (99%)
- Blue (82%)



- Red (48%)
- Yellow (79%)
- Blue (99%)



- Cyan (51%)
- Magenta (0%)
- Yellow (17%)
- Black (1%)



- Cyan (52%)
- Magenta (1%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BFDD2 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 7BFDD2 by changing the saturation by 10% instead.

 7BFDD2

 7BFDD2

FFFFFF

 5CE0B6

 B7FFFF

 3BC49C

 D5FFFF

 02A881

 F3FFFF

 008D68

 007350

 005939

 004124

 002B0F

 000900

 7BFDD2

 7BFDD2

 62FDCA

 94FDDA

 48FDC1

 AEFDE3

 2FFDB9

 C7FDEB

 16FDB1

 E0FDF3

 00FDA9

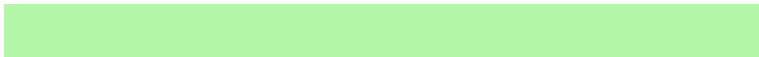
 FAFDFC

 FFFDFF

Harmonies

Analogous

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



B5F7A8



7BFDD2



39FEFF

Triad

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



7BFDD2



D1E1FF



FFCEA5

Complementary

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



7BFDD2



FD7BA6

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.



FFC4CC



7BFDD2



FFD1FF

Square

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



7BFDD2



85F0FF



FFC5FA



FFDD8E

Rectangle

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



7BFDD2



23FCFF



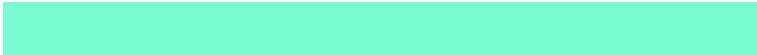
FFC5FA



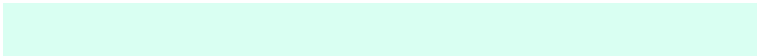
FFCAB1

Sweetspot

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



7BFDD2



D9FFF2



A6FD7B



698078



000000



808080

Same Dimension

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



7BFDD2



61FFCB



7BE7FD



73807B



00BF80



00402B

Inverse Universe

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



FD7BA6



FF6195



FD917B



807377



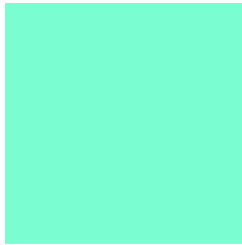
BF003F



400015

Previews

White Background



This preview shows how the Hex color 7BFDD2 looks on a white background.

Color Contrast Check

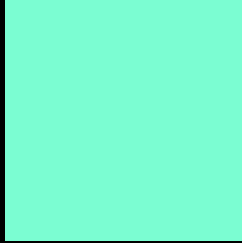
Large Text (above 18pt) WCAG AA × Fail

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 7BFDD2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

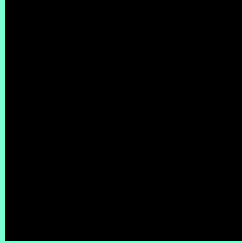
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

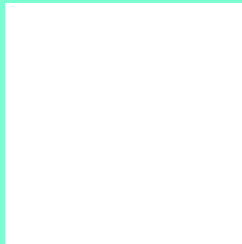
Any Text WCAG AAA ✓ Pass

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

Hex 7BFDD2 Background



This preview shows how black text looks on a background with the Hex color 7BFDD2.

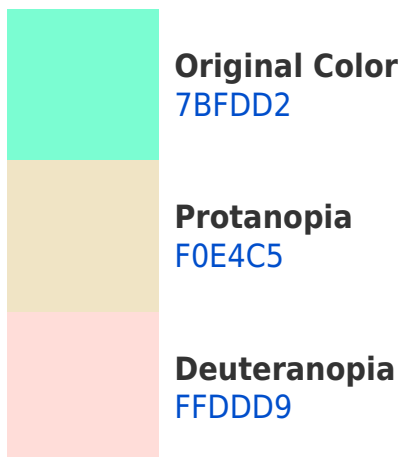


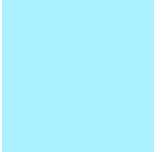
This preview shows how white text looks on a background with the Hex color 7BFDD2.

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

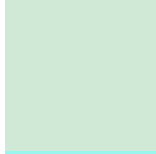
Trichromacy



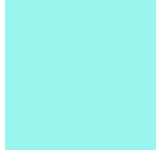
Original Color
7BFDD2



Protanomaly
C5EDCA

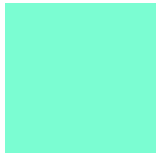


Deuteranomaly
CFE9D6

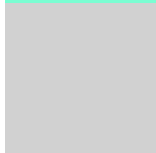


Tritanomaly
9AF5EF

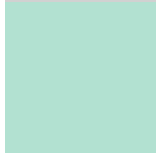
Monochromacy



Original Color
7BFDD2



Achromatopsia
D1D1D1



Achromatomaly
B2E1D1

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BFDD2 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 #7BFDD2 looks like.

```
.text, #text, p{  
    color:#7BFDD2  
}
```

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 #7BFDD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BFDD2
}
```

Border

The CSS property to change the border of an element to Hex 7BFDD2 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
#7BFDD2 }
```

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

```
.border{ border-color:#7BFDD2 }
```

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

Here you see how a box with a 4 pixel #7BFDD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BFDD2; -webkit-box-shadow:4px 4px  
4px 4px #7BFDD2; box-shadow:4px 4px 4px  
4px #7BFDD2 }
```

Background

The CSS property to change the background color of an element to Hex 7BFDD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BFDD2 }
```

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

```
.background{ background-color:#7BFDD2 }
```

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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