

Converting Colors

Hex(7BDFE2)

Have a look what the booklet for
Hex(7BDFE2) contains.

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Color

Hex(7BDFE2)

Conversions

Conversions Part 1

Format	Color
Hex	7BDFE2
RGB	123, 223, 226
RGB Percent	48%, 87%, 89%
CMY	0.5176, 0.1255, 0.1137
CMYK	0.46, 0.01, 0.00, 0.11
HSL	182°, 64%, 68%
HSV	182°, 46%, 89%
XYZ	48.2835, 62.4773, 81.4660
YIQ	193.4420, -60.5630, -20.2670

Conversions

Conversions Part 2

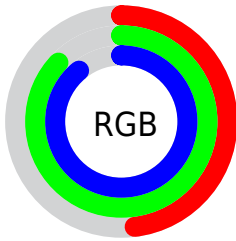
Format	Color
RYB	123, 174, 226
Decimal	8118242
CIELab	83.17, -28.49, -10.59
CIELCh	83, 30.392, 200.391
Yxy	62.4773, 0.2512, 0.3250
Android (android.graphics.Color)	4286308322 (0xFF7BDFE2)
YUV	193.4420, 16.0511, -61.7776
Hunter-Lab	79.0426, -29.2870, -5.7780

Details

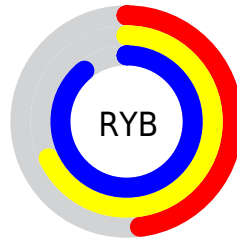
The Hex color **7BDFE2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E27E7B**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **B5FFFF**, and **3FA7AB** is the 20% darker color. If you saturate the color by 10%, you get **64DEE2**, and if you desaturate by 10%, it is **92E0E2**.

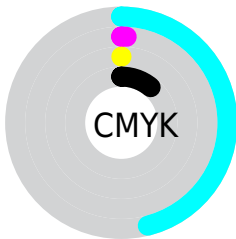
Distribution



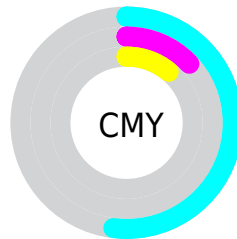
- Red (48%)
- Green (87%)
- Blue (89%)



- Red (48%)
- Yellow (68%)
- Blue (89%)



- Cyan (46%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (52%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BDFE2 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 7BDFE2 by changing the saturation by 10% instead.

 7BDFE2

 7BDFE2

FFFFFF

 5EC3C6

 B5FFFF

 3FA7AB

 D3FFF

 178D90

 F0FFF

 007377

 005A5E

 004246

 002B30

 00141B

 000000

 7BDFE2

 7BDFE2

 64DEE2

 92E0E2

 4EDEE2

 A8E0E2

 37DDE2

 BFE1E2

 21DCE2

 D5E2E2

 0ADCE2

 ECE2E2

 00DBE2

 FFE3E2

 FFE4E2

 FFE5E2

Harmonies

Analogous

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



90DFC5



7BDFE2



80DCFA

Triad

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



7BDFE2



EBC1F4



EDCA97

Complementary

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



7BDFE2



E27E7B

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.



FFC1A4



7BDFE2



FFBBDA

Square

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



7BDFE2



C7CBFF



FFBBBD



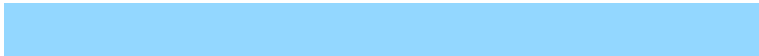
D0D399

Rectangle

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



7BDFE2



93D7FF



FFBBBD



F5C79A

Sweetspot

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



7BDFE2



DBFEFF



7BE27D



6A7F80



000000



808080

Same Dimension

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



7BDFE2



73FBFF



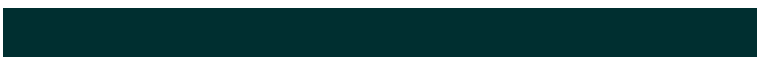
7BADE2



657070



00ABB0



002F30

Inverse Universe

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



E27BDF



FF73FB



E2B07B



706570



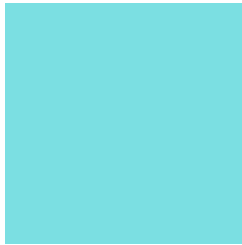
B000AB



30002F

Previews

White Background



This preview shows how the Hex color 7BDFE2 looks on a white background.

Color Contrast Check

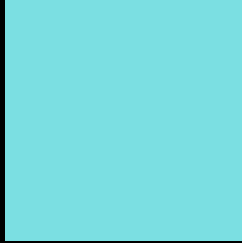
Large Text (above 18pt) WCAG AA × Fail

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 7BDFE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

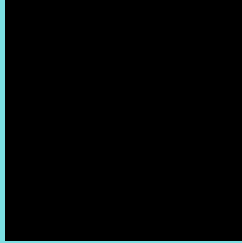
Any Text WCAG AA ✓ Pass

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 7BDFE2 Background



This preview shows how black text looks on a background with the Hex color 7BDFE2.

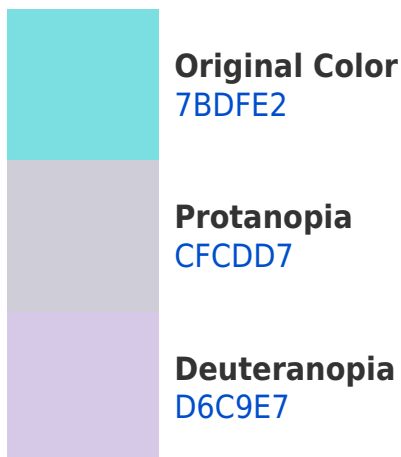


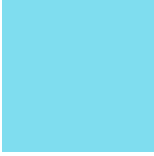
This preview shows how white text looks on a background with the Hex color 7BDFE2.

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



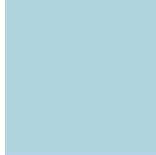


Tritanopia
7FDDEF

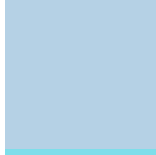
Trichromacy



Original Color
7BDFE2



Protanomaly
B0D4DB



Deuteranomaly
B5D1E5

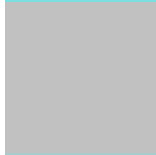


Tritanomaly
7EDEEA

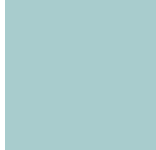
Monochromacy



Original Color
7BDFE2



Achromatopsia
C1C1C1



Achromatomaly
A8CCCD

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BDFE2 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 #7BDFE2 looks like.

```
.text, #text, p{  
    color:#7BDFE2  
}
```

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 #7BDFE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BDFE2
}
```

Border

The CSS property to change the border of an element to Hex 7BDFE2 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
#7BDFE2 }
```

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

```
.border{ border-color:#7BDFE2 }
```

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

Here you see how a box with a 4 pixel #7BDFE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BDFE2; -webkit-box-shadow:4px 4px  
4px 4px #7BDFE2; box-shadow:4px 4px 4px  
4px #7BDFE2 }
```

Background

The CSS property to change the background color of an element to Hex 7BDFE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BDFE2 }
```

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

```
.background{ background-color:#7BDFE2 }
```

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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