

Converting Colors

Hex(77FDEB)

Have a look what the booklet for
Hex(77FDEB) contains.

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Color

Hex(77FDEB)

Conversions

Conversions Part 1

Format	Color
Hex	77FDEB
RGB	119, 253, 235
RGB Percent	47%, 99%, 92%
CMY	0.5333, 0.0078, 0.0784
CMYK	0.53, 0.00, 0.07, 0.01
HSL	172°, 97%, 73%
HSV	172°, 53%, 99%
XYZ	57.7284, 80.1707, 91.0291
YIQ	210.8820, -74.0860, -34.0060

Conversions

Conversions Part 2

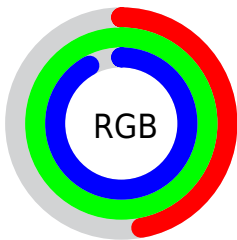
Format	Color
RYB	119, 191, 253
Decimal	7863787
CIELab	91.76, -41.05, -2.61
CIELCh	92, 41.137, 183.644
Yxy	80.1707, 0.2522, 0.3502
Android (android.graphics.Color)	4286053867 (0xFF77FDEB)
YUV	210.8820, 11.8902, -80.5805
Hunter-Lab	89.5381, -41.6062, 2.3993

Details

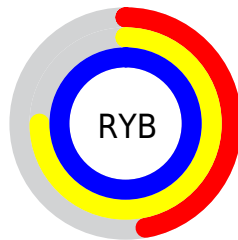
The Hex color **77FDEB** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FD7789**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **B4FFFF**, and **32C4B3** is the 20% darker color. If you saturate the color by 10%, you get **5EFDE8**, and if you desaturate by 10%, it is **90FDEE**.

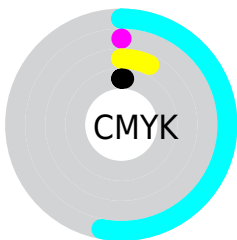
Distribution



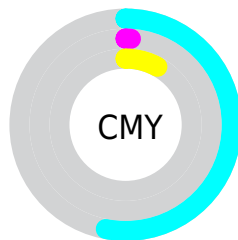
- Red (47%)
- Green (99%)
- Blue (92%)



- Red (47%)
- Yellow (75%)
- Blue (99%)



- Cyan (53%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)



- Cyan (53%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77FDEB 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 77FDEB by changing the saturation by 10% instead.

 77FDEB

 77FDEB

FFFFFF

 57E0CF

 B4FFFF

 32C4B3

 D2FFFF

 00A899

 F1FFFF

 008D7F

 007366

 005A4E

 004137

 002B22

 000C0C

 77FDEB

 77FDEB

 5EFDE8

 90FDEE

 44FDE4

 AAFDF2

 2BFDE1

 C3FDF5

 12FDDD

 DCFDF9

 00FDDB

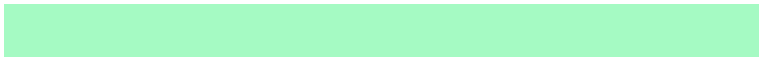
 F6FDFC

 FFFDFE

Harmonies

Analogous

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



A5FAC3



77FDEB



5FFBFF

Triad

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



77FDEB



F3DBFF



FFD9A2

Complementary

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



77FDEB



FD7789

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.



FFCEBE



77FDEB



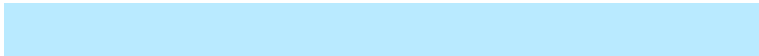
FFCFFF

Square

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



77FDEB



B9EAFB



FFC9E4



FEE698

Rectangle

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



77FDEB



6EF8FF



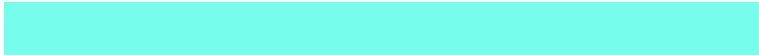
FFC9E4



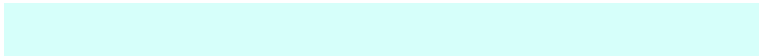
FFD5A9

Sweetspot

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



77FDEB



D6FFFA



8BFD77



67807C



000000



808080

Same Dimension

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



77FDEB



5CFFE9



77CEFD



73807E



00BFA6



004037

Inverse Universe

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



FD7789



FF5C72



FDA677



807374



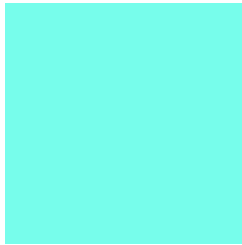
BF001A



400009

Previews

White Background



This preview shows how the Hex color 77FDEB looks on a white background.

Color Contrast Check

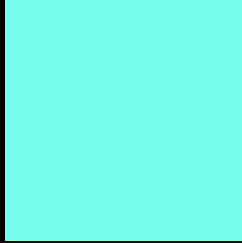
Large Text (above 18pt) WCAG AA × Fail

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 77FDEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

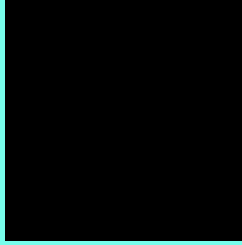
Any Text WCAG AA ✓ Pass

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 77FDEB Background



This preview shows how black text looks on a background with the Hex color 77FDEB.

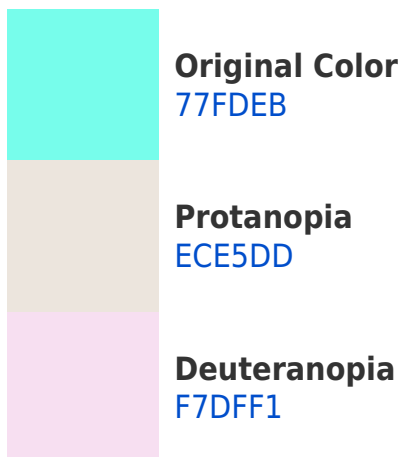


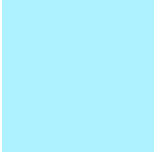
This preview shows how white text looks on a background with the Hex color 77FDEB.

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
AFF2FF

Trichromacy



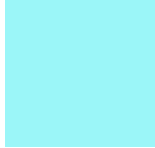
Original Color
77FDEB



Protanomaly
C1EEE2



Deuteranomaly
C8EAEF

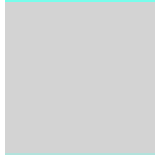


Tritanomaly
9BF6F8

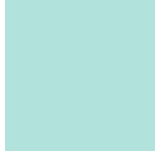
Monochromacy



Original Color
77FDEB



Achromatopsia
D3D3D3



Achromatomaly
B2E2DC

CSS Examples

Text

The CSS property to change the color of the text to Hex 77FDEB 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 #77FDEB looks like.

```
.text, #text, p{  
    color:#77FDEB  
}
```

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 #77FDEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77FDEB
}
```

Border

The CSS property to change the border of an element to Hex 77FDEB 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
#77FDEB }
```

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

```
.border{ border-color:#77FDEB }
```

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

Here you see how a box with a 4 pixel #77FDEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77FDEB; -webkit-box-shadow:4px 4px  
4px 4px #77FDEB; box-shadow:4px 4px 4px  
4px #77FDEB }
```

Background

The CSS property to change the background color of an element to Hex 77FDEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77FDEB }
```

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

```
.background{ background-color:#77FDEB }
```

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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