

Converting Colors

Hex(7FDFEB)

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

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Color

Hex(7FDFEB)

Conversions

Conversions Part 1

Format	Color
Hex	7FDFEB
RGB	127, 223, 235
RGB Percent	50%, 87%, 92%
CMY	0.5020, 0.1255, 0.0784
CMYK	0.46, 0.05, 0.00, 0.08
HSL	187°, 73%, 71%
HSV	187°, 46%, 92%
XYZ	50.1355, 63.2855, 88.1702
YIQ	195.6640, -61.0680, -16.6200

Conversions

Conversions Part 2

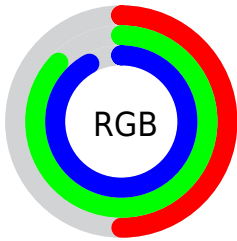
Format	Color
RYB	127, 178, 235
Decimal	8380395
CIELab	83.59, -25.29, -14.71
CIElCh	84, 29.251, 210.180
Yxy	63.2855, 0.2487, 0.3139
Android (android.graphics.Color)	4286570475 (0xFF7DFEB)
YUV	195.6640, 19.3926, -60.2183
Hunter-Lab	79.5522, -26.7219, -10.0264

Details

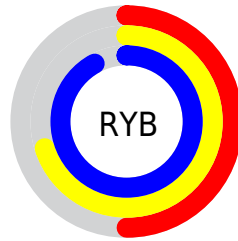
The Hex color **7FDFEB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EB8B7F**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B9FFFF**, and **43A8B3** is the 20% darker color. If you saturate the color by 10%, you get **68DCEB**, and if you desaturate by 10%, it is **97E2EB**.

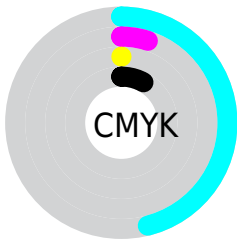
Distribution



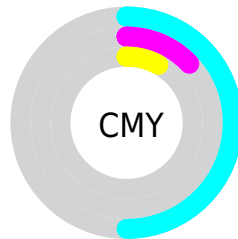
- Red (50%)
- Green (87%)
- Blue (92%)



- Red (50%)
- Yellow (70%)
- Blue (92%)



- Cyan (46%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (50%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 7FDFEB

 7FDFEB

FFFFFF

 62C3CF

 B9FFFF

 43A8B3

 D7FFFF

 1E8D99

 F5FFFF

 00737F

 005A66

 00424E

 002C37

 001621

 000009

 7FDFEB

 7FDFEB

 68DCEB

 97E2EB

 50DAEB

 AEE4EB

 38D7EB

 C6E7EB

 21D5EB

 DDE9EB

 0AD2EB

 F4ECEB

 00D1EB

 FFEFEB

 FFF1EB

 FFF4EB

 FFF6EB

Harmonies

Analogous

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



8CE0D0



7FDFEB



8DDBFF

Triad

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



7FDFEB



F4C1EC



E4CF99

Complementary

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



7FDFEB



EB8B7F

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.



FBC5A1



7FDFEB



FFBCD1

Square

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



7FDFEB



D5C9FF



FFBEB6



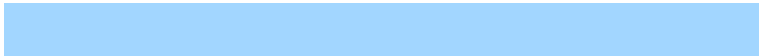
C7D7A0

Rectangle

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



7FDFEB



A2D6FF



FFBEB6



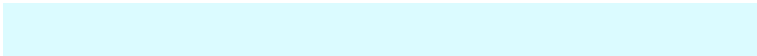
EDCB9A

Sweetspot

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



7FDFEB



DBFBFF



7FEB8A



6A7D80



000000



808080

Same Dimension

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



7FDFEB



73EFFF



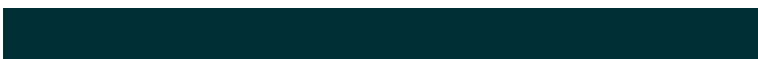
7FAAEB



6A7475



00A1B5



003036

Inverse Universe

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



EB7FDF



FF73EF



EBC07F



756A74



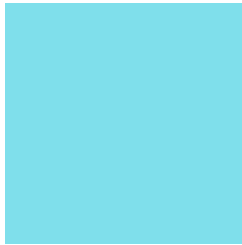
B500A1



360030

Previews

White Background



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

Color Contrast Check

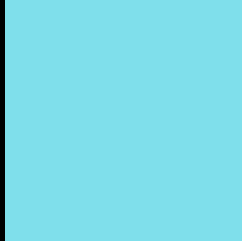
Large Text (above 18pt) WCAG AA × Fail

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 7FDFEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

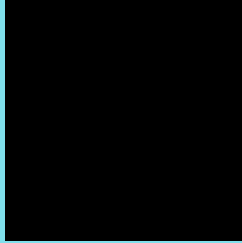
Any Text WCAG AA ✓ Pass

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 7FDFEB Background



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

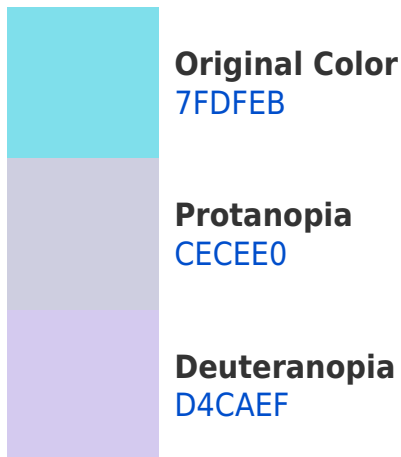


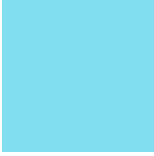
This preview shows how white text looks on a background with the Hex color 7FDFEB.

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



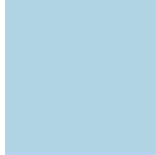


Tritanopia
81DEF0

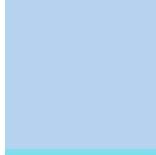
Trichromacy



Original Color
7FDFEB



Protanomaly
B1D4E4



Deuteranomaly
B5D2EE

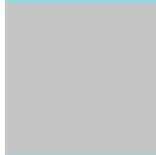


Tritanomaly
80DEEE

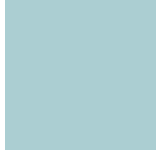
Monochromacy



Original Color
7FDFEB



Achromatopsia
C4C4C4



Achromatomaly
ABCED2

CSS Examples

Text

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

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

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 #7FDFEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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