

Converting Colors

Hex(7FE7B6)

Have a look what the booklet for
Hex(7FE7B6) contains.

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Color

Hex(7FE7B6)

Conversions

Conversions Part 1

Format	Color
Hex	7FE7B6
RGB	127, 231, 182
RGB Percent	50%, 91%, 71%
CMY	0.5020, 0.0941, 0.2863
CMYK	0.45, 0.00, 0.21, 0.09
HSL	152°, 68%, 70%
HSV	152°, 45%, 91%
XYZ	45.7718, 65.0413, 54.3978
YIQ	194.3180, -46.2550, -37.2870

Conversions

Conversions Part 2

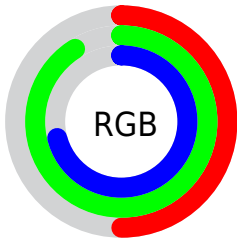
Format	Color
RYB	127, 195, 231
Decimal	8382390
CIELab	84.50, -41.30, 14.59
CIElCh	85, 43.798, 160.546
Yxy	65.0413, 0.2771, 0.3937
Android (android.graphics.Color)	4286572470 (0xFF7FE7B6)
YUV	194.3180, -6.0728, -59.0379
Hunter-Lab	80.6482, -39.8267, 16.4622

Details

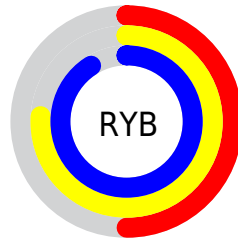
The Hex color **7FE7B6** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E77FB0**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **B8FFEE**, and **45AF81** is the 20% darker color. If you saturate the color by 10%, you get **68E7AB**, and if you desaturate by 10%, it is **96E7C1**.

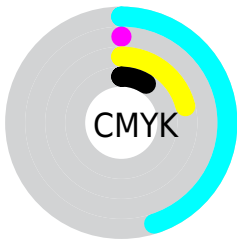
Distribution



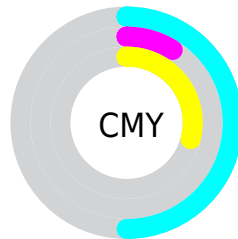
- Red (50%)
- Green (91%)
- Blue (71%)



- Red (50%)
- Yellow (76%)
- Blue (91%)



- Cyan (45%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (50%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FE7B6 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 7FE7B6 by changing the saturation by 10% instead.

 7FE7B6

 7FE7B6

FFFFFF

 63CB9B

 B8FFEE

 45AF81

 D5FFFF

 249468

 F3FFFF

 007950

 006039

 004723

 00300E

 001800

 000000

 7FE7B6

 7FE7B6

 68E7AB

 96E7C1

 51E7A0

 ADE7CC

 3AE795

 C4E7D7

 23E78A

 DBE7E2

 0CE780

 F3E7EC

 00E77A

 FFE7F7

 FFE7FF

Harmonies

Analogous

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



B2E093



7FE7B6



45E9E1

Triad

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



7FE7B6



AFD2FF



FFBA9F

Complementary

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



7FE7B6



E77FB0

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.



FFB3C6



7FE7B6



EBC3FF

Square

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



7FE7B6



68DFFF



FFB6EF



FFC785

Rectangle

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



7FE7B6



23E8FC



FFB6EF



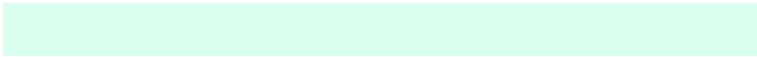
FFB6AB

Sweetspot

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



7FE7B6



DBFFEE



B1E77F



6A8075



000000



808080

Same Dimension

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



7FE7B6



75FFBE



7FE5E7



67736D



00B35E



00331B

Inverse Universe

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



E77FB0



FF75B6



E7817F



73676D



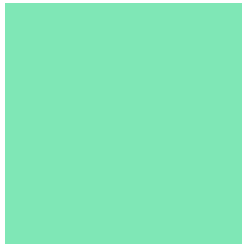
B30054



330018

Previews

White Background



This preview shows how the Hex color 7FE7B6 looks on a white background.

Color Contrast Check

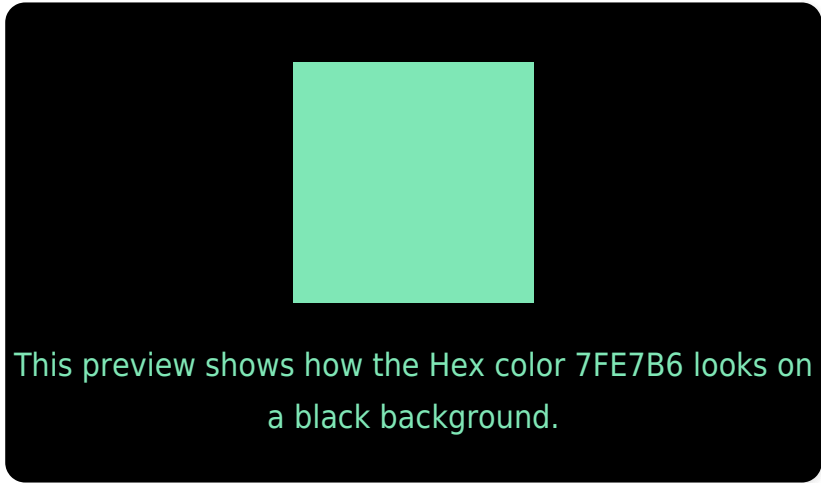
Large Text (above 18pt) WCAG AA × Fail

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

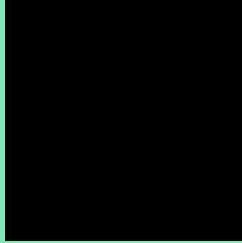
Any Text WCAG AA ✓ Pass

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 7FE7B6 Background



This preview shows how black text looks on a background with the Hex color 7FE7B6.

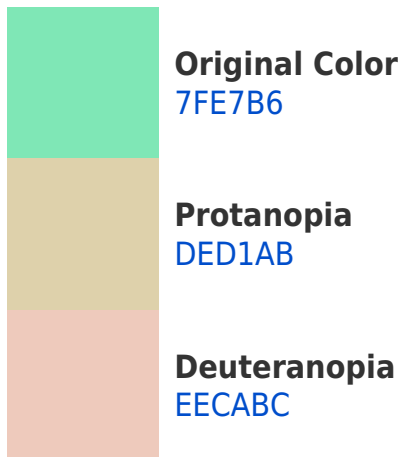


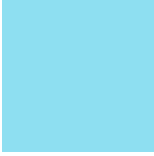
This preview shows how white text looks on a background with the Hex color 7FE7B6.

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](#).

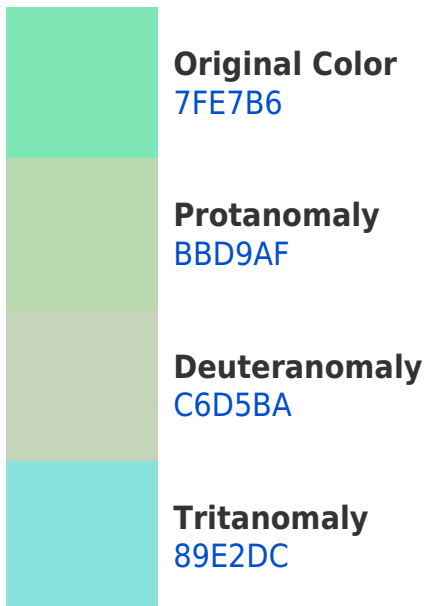
Dichromacy



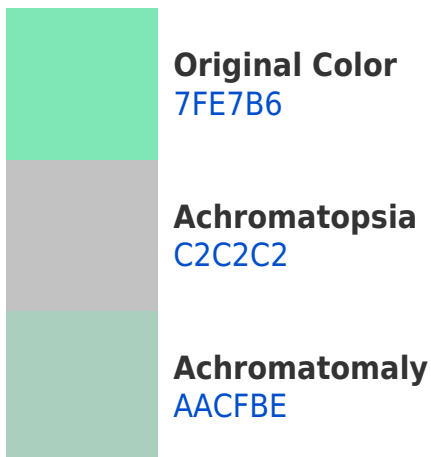


Tritanopia
8EDFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FE7B6 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 #7FE7B6 looks like.

```
.text, #text, p{  
    color:#7FE7B6  
}
```

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 #7FE7B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FE7B6
}
```

Border

The CSS property to change the border of an element to Hex 7FE7B6 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
#7FE7B6 }
```

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

```
.border{ border-color:#7FE7B6 }
```

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

Here you see how a box with a 4 pixel #7FE7B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FE7B6; -webkit-box-shadow:4px 4px  
4px 4px #7FE7B6; box-shadow:4px 4px 4px  
4px #7FE7B6 }
```

Background

The CSS property to change the background color of an element to Hex 7FE7B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FE7B6 }
```

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

```
.background{ background-color:#7FE7B6 }
```

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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