

Converting Colors

Hex(7FCE87)

Have a look what the booklet for
Hex(7FCE87) contains.

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Color

Hex(7FCE87)

Conversions

Conversions Part 1

Format	Color
Hex	7FCE87
RGB	127, 206, 135
RGB Percent	50%, 81%, 53%
CMY	0.5020, 0.1922, 0.4706
CMYK	0.38, 0.00, 0.34, 0.19
HSL	126°, 45%, 65%
HSV	126°, 38%, 81%
XYZ	35.1969, 50.4039, 30.7955
YIQ	174.2850, -24.2930, -38.8290

Conversions

Conversions Part 2

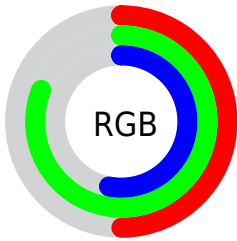
Format	Color
RYB	127, 199, 206
Decimal	8375943
CIELab	76.32, -38.86, 27.88
CIElCh	76, 47.832, 144.341
Yxy	50.4039, 0.3024, 0.4330
Android (android.graphics.Color)	4286566023 (0xFF7FCE87)
YUV	174.2850, -19.3675, -41.4689
Hunter-Lab	70.9957, -35.7492, 23.9790

Details

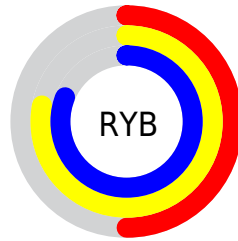
The Hex color **7FCE87** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CE7FC6**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B7FFBD**, and **499754** is the 20% darker color. If you saturate the color by 10%, you get **6ACE74**, and if you desaturate by 10%, it is **94CE9A**.

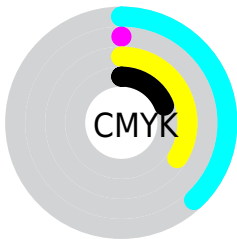
Distribution



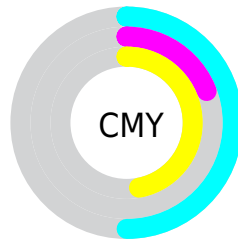
- Red (50%)
- Green (81%)
- Blue (53%)



- Red (50%)
- Yellow (78%)
- Blue (81%)



- Cyan (38%)
- Magenta (0%)
- Yellow (34%)
- Black (19%)



- Cyan (50%)
- Magenta (19%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FCE87 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 7FCE87 by changing the saturation by 10% instead.

 7FCE87

 7FCE87

FFFFFF

 64B26D

 B7FFBD

 499754

 D3FFD9

 2D7D3D

 F0FFF5

 096325

 004B0E

 003300

 001E00

 000000

 7FCE87

 7FCE87

 6ACE74

 94CE9A

 56CE62

 A8CEAC

 41CE4F

 BDCEBF

 2DCE3D

 D1CED1

 18CE2A

 E6CEE4

 03CE18

 FBCEF6

 00CE15

 FFCEFF

Harmonies

Analogous

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



B3C569



7FCE87



34D3B2

Triad

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



7FCE87



62C3FF



FF9B9A

Complementary

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



7FCE87



CE7FC6

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.



FF99C6



7FCE87



B4B4FF

Square

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



7FCE87



00CEFF



EBA3F0



FFA776

Rectangle

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



7FCE87



00D3D1



EBA3F0



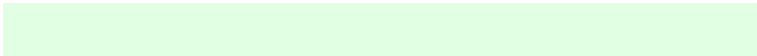
FF99A9

Sweetspot

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



7FCE87



E0FFE3



C6CE7F



6E806F



000000



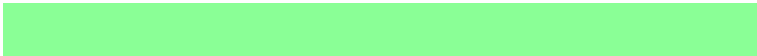
808080

Same Dimension

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



7FCE87



8AFF96



7FCEAE



5C665D



00A611



002604

Inverse Universe

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



CE7FC6



FF8AF3



CE7F9F



665C65



A60095



260022

Previews

White Background



This preview shows how the Hex color 7FCE87 looks on a white background.

Color Contrast Check

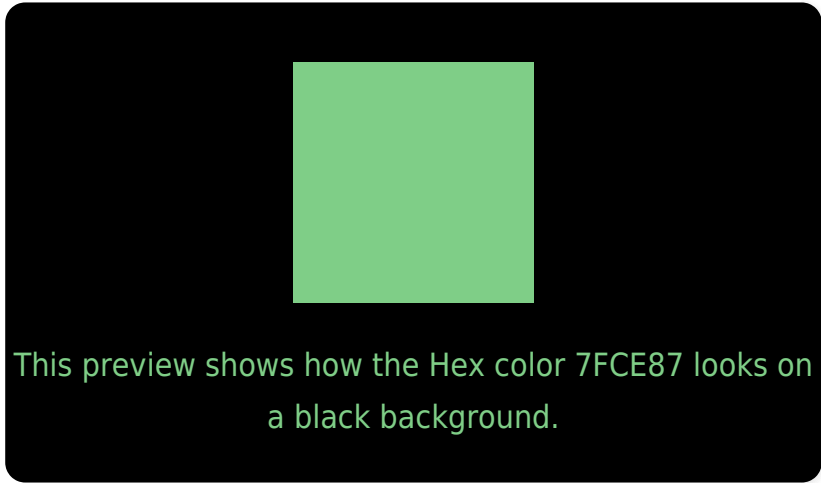
Large Text (above 18pt) WCAG AA × Fail

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 7FCE87 Background



This preview shows how black text looks on a background with the Hex color 7FCE87.

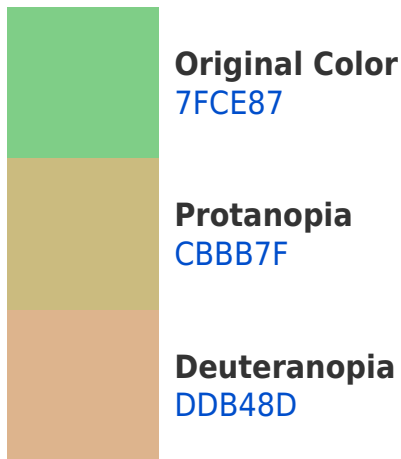


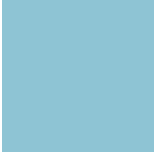
This preview shows how white text looks on a background with the Hex color 7FCE87.

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
8EC4D4

Trichromacy



Original Color
7FCE87



Protanomaly
AFC282



Deuteranomaly
BBBD8B



Tritanomaly
89C8B8

Monochromacy



Original Color
7FCE87



Achromatopsia
AEAEAE



Achromatomaly
9DBAA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FCE87 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 #7FCE87 looks like.

```
.text, #text, p{  
    color:#7FCE87  
}
```

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 #7FCE87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FCE87
}
```

Border

The CSS property to change the border of an element to Hex 7FCE87 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
#7FCE87 }
```

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

```
.border{ border-color:#7FCE87 }
```

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

Here you see how a box with a 4 pixel #7FCE87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FCE87; -webkit-box-shadow:4px 4px  
4px 4px #7FCE87; box-shadow:4px 4px 4px  
4px #7FCE87 }
```

Background

The CSS property to change the background color of an element to Hex 7FCE87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FCE87 }
```

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

```
.background{ background-color:#7FCE87 }
```

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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