

Converting Colors

Hex(7FDC77)

Have a look what the booklet for
Hex(7FDC77) contains.

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Color

Hex(7FDC77)

Conversions

Conversions Part 1

Format	Color
Hex	7FDC77
RGB	127, 220, 119
RGB Percent	50%, 86%, 47%
CMY	0.5020, 0.1373, 0.5333
CMYK	0.42, 0.00, 0.46, 0.14
HSL	115°, 59%, 66%
HSV	115°, 46%, 86%
XYZ	37.6754, 57.0303, 26.4750
YIQ	180.6790, -23.0070, -51.1270

Conversions

Conversions Part 2

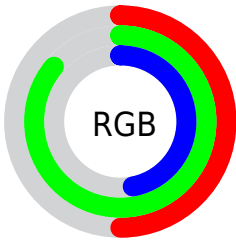
Format	Color
RYB	119, 220, 212
Decimal	8379511
CIELab	80.20, -47.35, 41.03
CIELCh	80, 62.651, 139.094
Yxy	57.0303, 0.3109, 0.4706
Android (android.graphics.Color)	4286569591 (0xFF7FDC77)
YUV	180.6790, -30.4077, -47.0765
Hunter-Lab	75.5184, -43.1054, 32.0772

Details

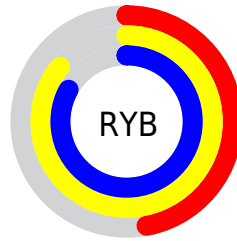
The Hex color **7FDC77** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D477DC**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B8FFAD**, and **46A444** is the 20% darker color. If you saturate the color by 10%, you get **6BDC61**, and if you desaturate by 10%, it is **93DC8D**.

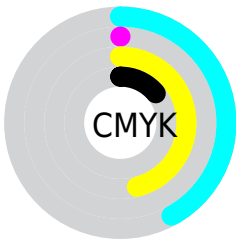
Distribution



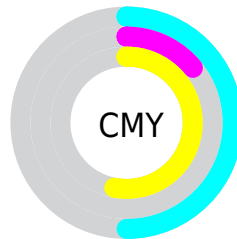
- Red (50%)
- Green (86%)
- Blue (47%)



- Red (47%)
- Yellow (86%)
- Blue (83%)



- Cyan (42%)
- Magenta (0%)
- Yellow (46%)
- Black (14%)



- Cyan (50%)
- Magenta (14%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FDC77 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 7FDC77 by changing the saturation by 10% instead.

 7FDC77

 7FDC77

FFFFFF

 63C05D

 B8FFAD

 46A444

 D5FFC9

 27892B

 F2FFE5

 006F10

 005600

 003E00

 002800

 000100

 000000

 7FDC77

 7FDC77

 6BDC61

 93DC8D

 56DC4B

 A8DCA3

 42DC35

 BCDCB9

 2EDC1F

 D0DCCF

 1ADC09

 E4DCE5

 11DC00

 F9DCFB

 FFDCFF

Harmonies

Analogous

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



C4CF52



7FDC77



00E3AF

Triad

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



7FDC77



00D3FF



FF96A4

Complementary

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



7FDC77



D477DC

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.



FF96DF



7FDC77



A6C0FF

Square

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



7FDC77



00DFFF



FAA8FF



FFA670

Rectangle

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



7FDC77



00E4D8



FAA8FF



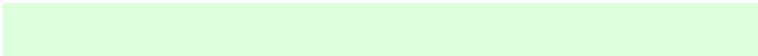
FF94B7

Sweetspot

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



7FDC77



DEFFDB



DCD477



6C806A



000000



808080

Same Dimension

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



7FDC77



7EFF73



77DCA1



646E63



0EAD00



042E00

Inverse Universe

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



D477DC



F473FF



DC77B2



6D636E



A000AD



2A002E

Previews

White Background



This preview shows how the Hex color 7FDC77 looks on a white background.

Color Contrast Check

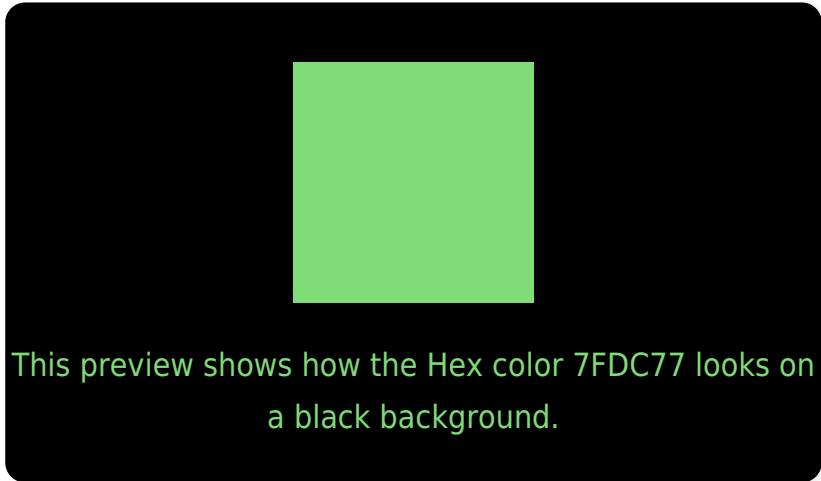
Large Text (above 18pt) WCAG AA × Fail

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

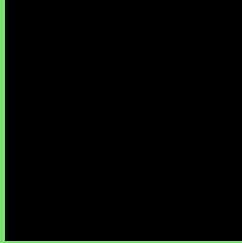
Any Text WCAG AA ✓ Pass

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 7FDC77 Background



This preview shows how black text looks on a background with the Hex color 7FDC77.

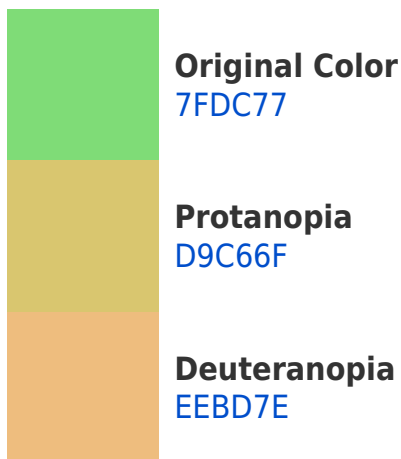


This preview shows how white text looks on a background with the Hex color 7FDC77.

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
94D0E1

Trichromacy



Original Color
7FDC77



Protanomaly
B8CE72



Deuteranomaly
C6C87B



Tritanomaly
8CD4BA

Monochromacy



Original Color
7FDC77



Achromatopsia
B5B5B5



Achromatomaly
A1C39E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FDC77 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 #7FDC77 looks like.

```
.text, #text, p{  
    color:#7FDC77  
}
```

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 #7FDC77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FDC77
}
```

Border

The CSS property to change the border of an element to Hex 7FDC77 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
#7FDC77 }
```

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

```
.border{ border-color:#7FDC77 }
```

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

Here you see how a box with a 4 pixel #7FDC77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FDC77; -webkit-box-shadow:4px 4px  
4px 4px #7FDC77; box-shadow:4px 4px 4px  
4px #7FDC77 }
```

Background

The CSS property to change the background color of an element to Hex 7FDC77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FDC77 }
```

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

```
.background{ background-color:#7FDC77 }
```

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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