

Converting Colors

Hex(7FDD6E)

Have a look what the booklet for
Hex(7FDD6E) contains.

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Color

Hex(7FDD6E)

Conversions

Conversions Part 1

Format	Color
Hex	7FDD6E
RGB	127, 221, 110
RGB Percent	50%, 87%, 43%
CMY	0.5020, 0.1333, 0.5686
CMYK	0.43, 0.00, 0.50, 0.13
HSL	111°, 62%, 65%
HSV	111°, 50%, 87%
XYZ	37.4233, 57.3507, 23.8492
YIQ	180.2400, -20.3930, -54.4490

Conversions

Conversions Part 2

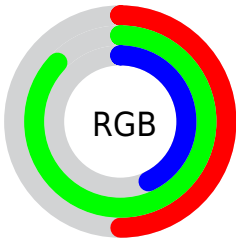
Format	Color
RYB	110, 221, 204
Decimal	8379758
CIELab	80.38, -48.95, 45.61
CIELCh	80, 66.901, 137.023
Yxy	57.3507, 0.3155, 0.4835
Android (android.graphics.Color)	4286569838 (0xFF7FDD6E)
YUV	180.2400, -34.6283, -46.6915
Hunter-Lab	75.7303, -44.3193, 34.3394

Details

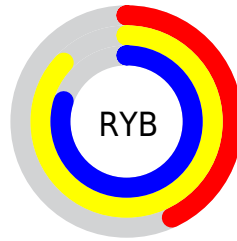
The Hex color **7FDD6E** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CC6EDD**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B8FFA4**, and **46A53A** is the 20% darker color. If you saturate the color by 10%, you get **6CDD58**, and if you desaturate by 10%, it is **92DD84**.

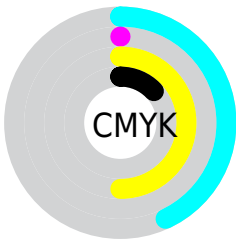
Distribution



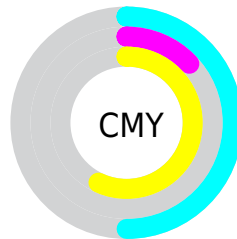
- Red (50%)
- Green (87%)
- Blue (43%)



- Red (43%)
- Yellow (87%)
- Blue (80%)



- Cyan (43%)
- Magenta (0%)
- Yellow (50%)
- Black (13%)



- Cyan (50%)
- Magenta (13%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FDD6E 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 7FDD6E by changing the saturation by 10% instead.

 7FDD6E

 7FDD6E

FFFFFF

 63C154

 B8FFA4

 46A53A

 D5FFBF

 258A20

 F3FFDC


 007000

 FFFFF9

 005700

 003E00

 002900

 000300

 000000

 7FDD6E

 7FDD6E

 6CDD58

 92DD84

 5ADD42

 A4DD9A

 47DD2C

 B7DDB0

 34DD16

 CADDC6

 22DD00

 DDDDDD

 EFDDF3

 FFDDFF

Harmonies

Analogous

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



C7CF47



7FDD6E



00E4A9

Triad

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



7FDD6E



00D6FF



FF91A6

Complementary

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



7FDD6E



CC6EDD

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.



FF93E5



7FDD6E



99C2FF

Square

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



7FDD6E



00E2FF



F8A8FF



FFA26E

Rectangle

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



7FDD6E



00E6D5



F8A8FF



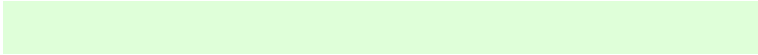
FF8FBB

Sweetspot

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



7FDD6E



DFFFD9



DDCB6E



6C8069



000000



808080

Same Dimension

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



7FDD6E



7DFF66



6EDD93



646E63



1BAD00



072E00

Inverse Universe

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



CC6EDD



E866FF



DD6EB8



6C636E



9300AD



27002E

Previews

White Background



This preview shows how the Hex color 7FDD6E looks on a white background.

Color Contrast Check

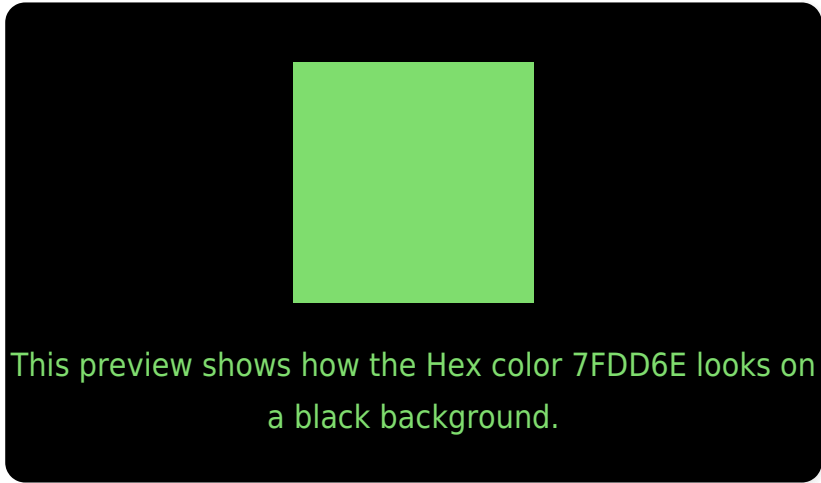
Large Text (above 18pt) WCAG AA × Fail

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

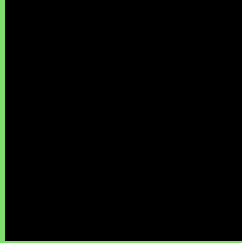
Any Text WCAG AA ✓ Pass

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 7FDD6E Background



This preview shows how black text looks on a background with the Hex color 7FDD6E.

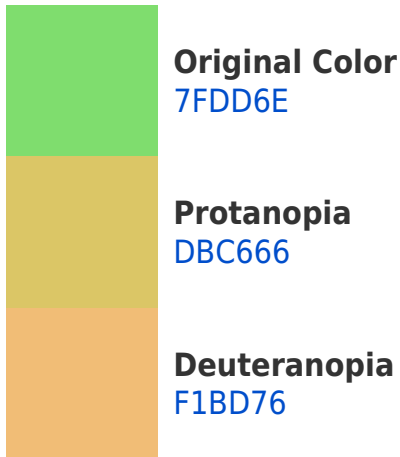


This preview shows how white text looks on a background with the Hex color 7FDD6E.

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



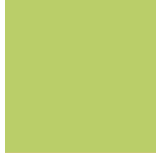


Tritanopia
95D0E1

Trichromacy



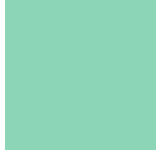
Original Color
7FDD6E



Protanomaly
BACE69



Deuteranomaly
C8C973

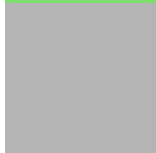


Tritanomaly
8DD5B7

Monochromacy



Original Color
7FDD6E



Achromatopsia
B4B4B4



Achromatomaly
A1C39B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FDD6E 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 #7FDD6E looks like.

```
.text, #text, p{  
    color:#7FDD6E  
}
```

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 #7FDD6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FDD6E
}
```

Border

The CSS property to change the border of an element to Hex 7FDD6E 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
#7FDD6E }
```

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

```
.border{ border-color:#7FDD6E }
```

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

Here you see how a box with a 4 pixel #7FDD6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FDD6E; -webkit-box-shadow:4px 4px  
4px 4px #7FDD6E; box-shadow:4px 4px 4px  
4px #7FDD6E }
```

Background

The CSS property to change the background color of an element to Hex 7FDD6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FDD6E }
```

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

```
.background{ background-color:#7FDD6E }
```

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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