

Converting Colors

Hex(7DDC6E)

Have a look what the booklet for
Hex(7DDC6E) contains.

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Color

Hex(7DDC6E)

Conversions

Conversions Part 1

Format	Color
Hex	7DDC6E
RGB	125, 220, 110
RGB Percent	49%, 86%, 43%
CMY	0.5098, 0.1373, 0.5686
CMYK	0.43, 0.00, 0.50, 0.14
HSL	112°, 61%, 65%
HSV	112°, 50%, 86%
XYZ	36.8651, 56.6722, 23.7477
YIQ	179.0550, -21.3100, -54.3500

Conversions

Conversions Part 2

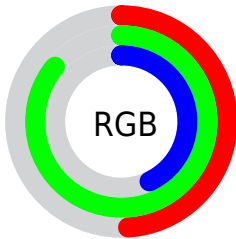
Format	Color
RYB	110, 220, 205
Decimal	8248430
CIELab	79.99, -49.13, 45.12
CIELCh	80, 66.707, 137.438
Yxy	56.6722, 0.3143, 0.4832
Android (android.graphics.Color)	4286438510 (0xFF7DDC6E)
YUV	179.0550, -34.0441, -47.4062
Hunter-Lab	75.2809, -44.3300, 33.9934

Details

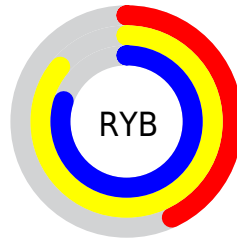
The Hex color **7DDC6E** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CD6EDC**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **B6FFA4**, and **43A43A** is the 20% darker color. If you saturate the color by 10%, you get **6ADC58**, and if you desaturate by 10%, it is **90DC84**.

Distribution



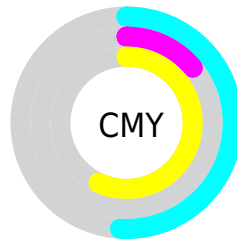
- Red (49%)
- Green (86%)
- Blue (43%)



- Red (43%)
- Yellow (86%)
- Blue (80%)



- Cyan (43%)
- Magenta (0%)
- Yellow (50%)
- Black (14%)



- Cyan (51%)
- Magenta (14%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DDC6E 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 7DDC6E by changing the saturation by 10% instead.

 7DDC6E

 7DDC6E

FFFFFF

 61C054


 B6FFA4

 43A43A

 D3FFBF

 228920

 F1FFDC

 006F00

 FFFFF9

 005600

 003D00

 002800

 000000

 7DDC6E

 7DDC6E

 6ADC58

 90DC84

 57DC42

 A3DC9A

 44DC2C

 B6DCB0

 31DC16

 C9DCC6

 1EDC00

 DCDCDC

 EFDCF2

 FFDCFF

Harmonies

Analogous

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



C6CE47



7DDC6E



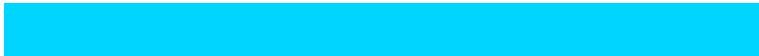
00E3A9

Triad

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



7DDC6E



00D5FF



FF90A5

Complementary

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



7DDC6E



CD6EDC

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.



FF92E3



7DDC6E



9AC0FF

Square

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



7DDC6E



00E1FF



F8A7FF



FFA26D

Rectangle

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



7DDC6E



00E5D5



F8A7FF



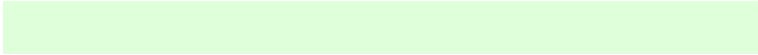
FF8EB9

Sweetspot

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



7DDC6E



DEFFD9



DCCC6E



6C8069



000000



808080

Same Dimension

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



7DDC6E



7BFF66



6EDC95



646E63



18AD00



062E00

Inverse Universe

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



CD6EDC



EA66FF



DC6EB5



6C636E



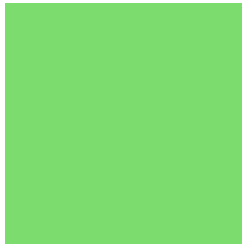
9600AD



28002E

Previews

White Background



This preview shows how the Hex color 7DDC6E looks on a white background.

Color Contrast Check

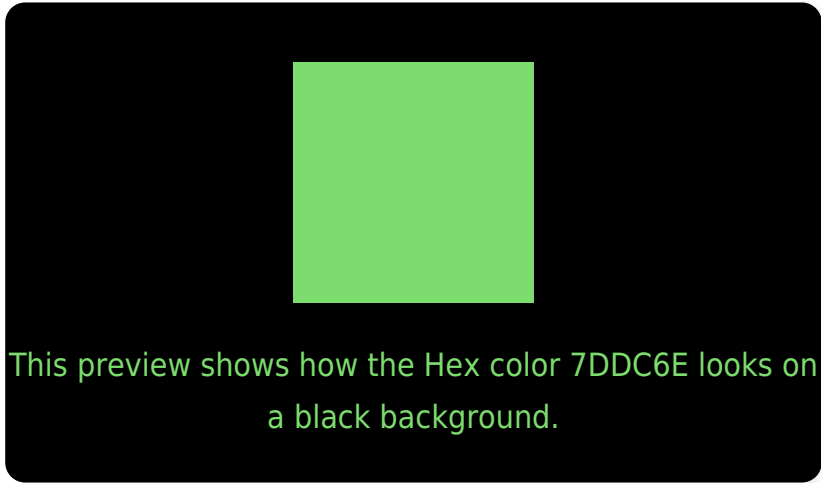
Large Text (above 18pt) WCAG AA × Fail

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 7DDC6E Background



This preview shows how black text looks on a background with the Hex color 7DDC6E.

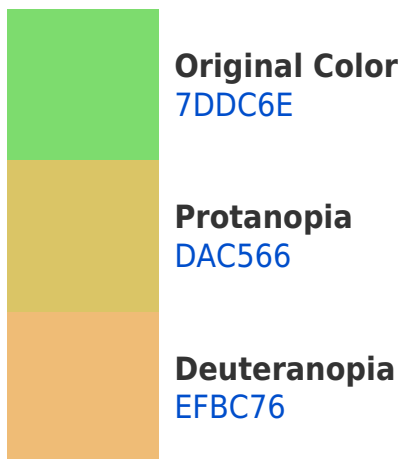


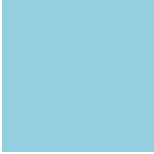
This preview shows how white text looks on a background with the Hex color 7DDC6E.

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





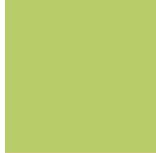
Tritanopia
93CFE0

Trichromacy



Original Color

7DDC6E



Protanomaly

B8CD69



Deuteranomaly

C6C873



Tritanomaly

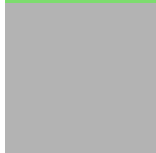
8BD4B7

Monochromacy



Original Color

7DDC6E



Achromatopsia

B3B3B3



Achromatomaly

9FC29A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DDC6E 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 #7DDC6E looks like.

```
.text, #text, p{  
    color:#7DDC6E  
}
```

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 #7DDC6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DDC6E
}
```

Border

The CSS property to change the border of an element to Hex 7DDC6E 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
#7DDC6E }
```

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

```
.border{ border-color:#7DDC6E }
```

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

Here you see how a box with a 4 pixel #7DDC6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DDC6E; -webkit-box-shadow:4px 4px  
4px 4px #7DDC6E; box-shadow:4px 4px 4px  
4px #7DDC6E }
```

Background

The CSS property to change the background color of an element to Hex 7DDC6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DDC6E }
```

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

```
.background{ background-color:#7DDC6E }
```

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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