

Converting Colors

Hex(7ED67E)

Have a look what the booklet for
Hex(7ED67E) contains.

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Color

Hex(7ED67E)

Conversions

Conversions Part 1

Format	Color
Hex	7ED67E
RGB	126, 214, 126
RGB Percent	49%, 84%, 49%
CMY	0.5059, 0.1608, 0.5059
CMYK	0.41, 0.00, 0.41, 0.16
HSL	120°, 52%, 67%
HSV	120°, 41%, 84%
XYZ	36.4166, 54.0351, 28.2491
YIQ	177.6560, -24.2000, -46.0240

Conversions

Conversions Part 2

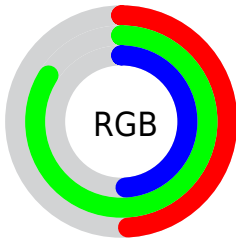
Format	Color
RYB	126, 214, 214
Decimal	8312446
CIELab	78.48, -44.10, 35.34
CIElCh	78, 56.512, 141.290
Yxy	54.0351, 0.3068, 0.4552
Android (android.graphics.Color)	4286502526 (0xFF7ED67E)
YUV	177.6560, -25.4664, -45.3023
Hunter-Lab	73.5086, -40.2099, 28.6710

Details

The Hex color **7ED67E** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D67ED6**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B6FFB4**, and **469F4B** is the 20% darker color. If you saturate the color by 10%, you get **69D669**, and if you desaturate by 10%, it is **93D693**.

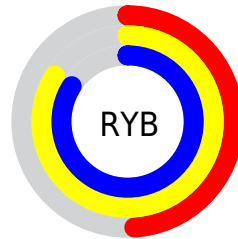
Distribution



Red (49%)

Green (84%)

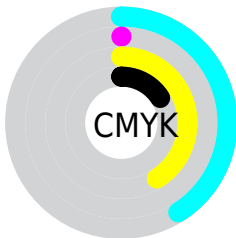
Blue (49%)



Red (49%)

Yellow (84%)

Blue (84%)

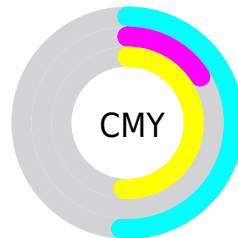


Cyan (41%)

Magenta (0%)

Yellow (41%)

Black (16%)



Cyan (51%)

Magenta (16%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7ED67E 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 7ED67E by changing the saturation by 10% instead.

 7ED67E

 7ED67E

FFFFFF

 62BA64

 B6FFB4

 469F4B

 D3FFD0

 288433

 F0FFEC

 006A1B

 005100

 003900

 002400

 000000

 7ED67E

 7ED67E

 69D669

 93D693

 53D653

 A9D6A9

 3ED63E

 BED6BE

 28D628

 D4D6D4

 13D613

 E9D6E9

 00D600

 FED6FE

 FFD6FF

Harmonies

Analogous

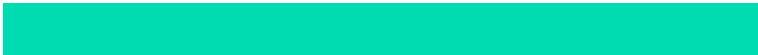
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BCCB5C



7ED67E



00DCB1

Triad

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



7ED67E



27CCFF



FF989F

Complementary

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



7ED67E



D67ED6

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.



FF97D4



7ED67E



ADBAFF

Square

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



7ED67E



00D8FF



F4A6FF



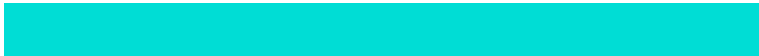
FFA772

Rectangle

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



7ED67E



00DDD5



F4A6FF



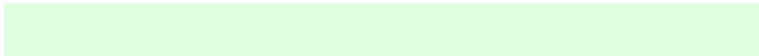
FF96B0

Sweetspot

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



7ED67E



E0FFE0



D6D67E



6E806E



000000



808080

Same Dimension

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



7ED67E



82FF82



7ED6AA



606B60



00AB00



002B00

Inverse Universe

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



D67ED6



FF82FF



D67EAA



6B606B



AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 7ED67E 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



This preview shows how the Hex color 7ED67E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

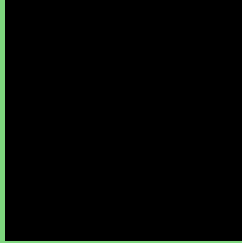
Any Text WCAG AA ✓ Pass

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 7ED67E Background



This preview shows how black text looks on a background with the Hex color 7ED67E.

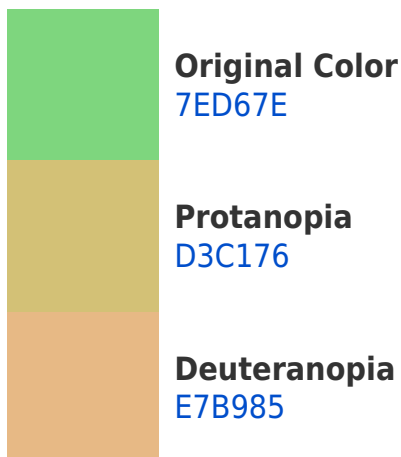


This preview shows how white text looks on a background with the Hex color 7ED67E.

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](#).

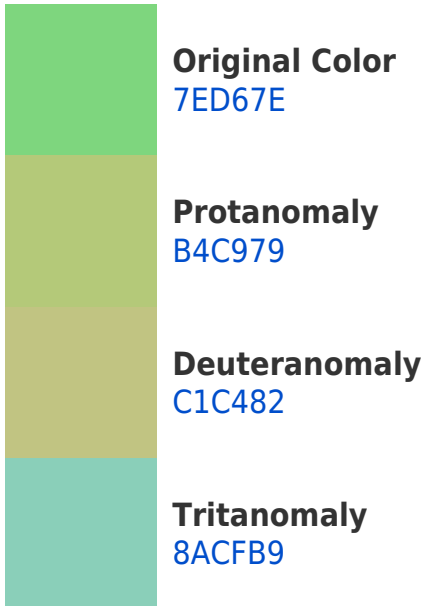
Dichromacy



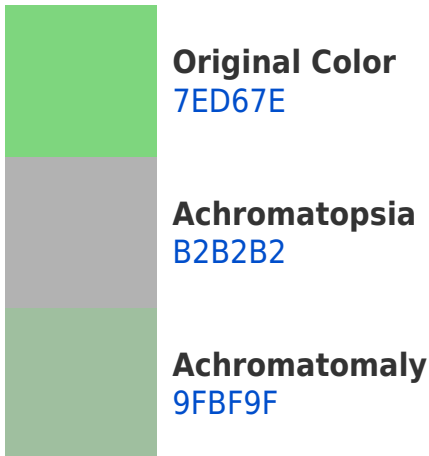


Tritanopia
91CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7ED67E 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 #7ED67E looks like.

```
.text, #text, p{  
    color:#7ED67E  
}
```

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 #7ED67E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ED67E
}
```

Border

The CSS property to change the border of an element to Hex 7ED67E 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
#7ED67E }
```

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

```
.border{ border-color:#7ED67E }
```

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

Here you see how a box with a 4 pixel #7ED67E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ED67E; -webkit-box-shadow:4px 4px  
4px 4px #7ED67E; box-shadow:4px 4px 4px  
4px #7ED67E }
```

Background

The CSS property to change the background color of an element to Hex 7ED67E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ED67E }
```

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

```
.background{ background-color:#7ED67E }
```

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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