

Converting Colors

Hex(7ED872)

Have a look what the booklet for
Hex(7ED872) contains.

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Color

Hex(7ED872)

Conversions

Conversions Part 1

Format	Color
Hex	7ED872
RGB	126, 216, 114
RGB Percent	49%, 85%, 45%
CMY	0.5059, 0.1529, 0.5529
CMYK	0.42, 0.00, 0.47, 0.15
HSL	113°, 57%, 65%
HSV	113°, 47%, 85%
XYZ	36.1973, 54.7623, 24.5820
YIQ	177.4620, -20.8980, -50.8020

Conversions

Conversions Part 2

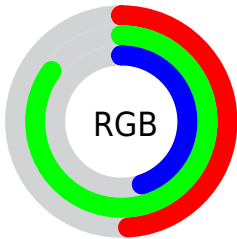
Format	Color
RYB	114, 216, 204
Decimal	8312946
CIELab	78.90, -46.65, 41.85
CIELCh	79, 62.666, 138.105
Yxy	54.7623, 0.3133, 0.4740
Android (android.graphics.Color)	4286503026 (0xFF7ED872)
YUV	177.4620, -31.2868, -45.1322
Hunter-Lab	74.0015, -42.1907, 32.1060

Details

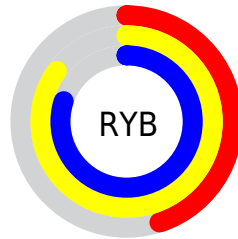
The Hex color **7ED872** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **CC72D8**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B7FFA7**, and **45A03F** is the 20% darker color. If you saturate the color by 10%, you get **6BD85C**, and if you desaturate by 10%, it is **91D888**.

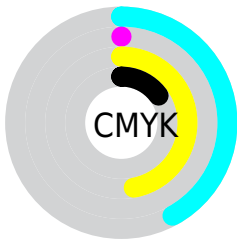
Distribution



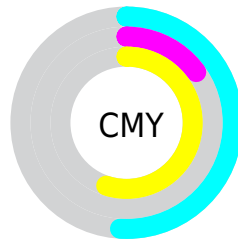
- Red (49%)
- Green (85%)
- Blue (45%)



- Red (45%)
- Yellow (85%)
- Blue (80%)



- Cyan (42%)
- Magenta (0%)
- Yellow (47%)
- Black (15%)



- Cyan (51%)
- Magenta (15%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7ED872 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 7ED872 by changing the saturation by 10% instead.

 7ED872

 7ED872

FFFFFF

 62BC58

 B7FFA7

 45A03F

 D4FFC3

 268626

 F1FFE0

 006C08

FFFFFFD

 005300

 003A00

 002500

 000000

 7ED872

 7ED872

■ 6BD85C

■ 91D888

■ 58D847

■ A4D89D

■ 45D831

■ B7D8B3

■ 32D81C

■ CAD8C8

■ 1FD806

■ DDD8DE

■ 19D800

■ F0D8F4

■ FFD8FF

Harmonies

Analogous

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



C2CB4E



7ED872



00DFA9

Triad

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



7ED872



00D0FF



FF92A2

Complementary

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



7ED872



CC72D8

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.



FF93DD



7ED872



9EBDFE

Square

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



7ED872



00DCFF



F4A6FF



FFA26E

Rectangle

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



7ED872



00E0D2



F4A6FF



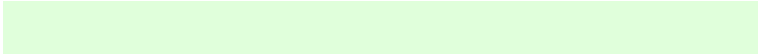
FF90B6

Sweetspot

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



7ED872



E0FFDB



D8CA72



6C806A



000000



808080

Same Dimension

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



7ED872



7FFF6E



72D897



626B60



14AB00



052B00

Inverse Universe

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



CC72D8



EE6EFF



D872B3



6A606B



9700AB



26002B

Previews

White Background



This preview shows how the Hex color 7ED872 looks on a white background.

Color Contrast Check

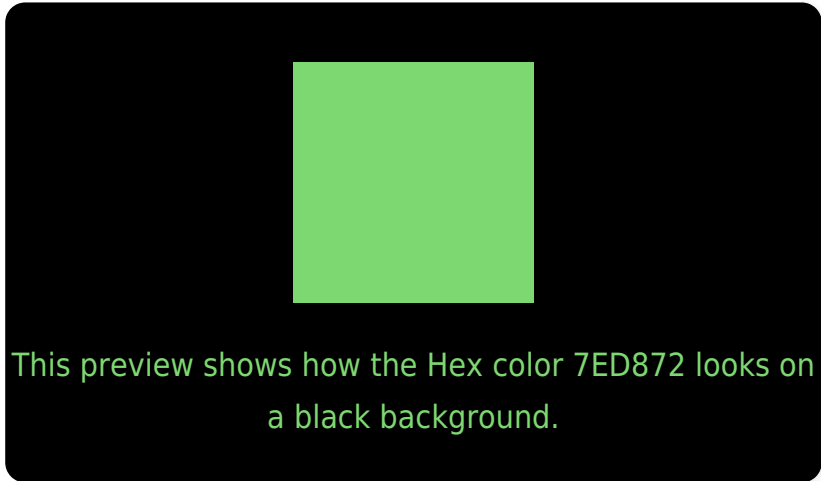
Large Text (above 18pt) WCAG AA × Fail

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 7ED872 Background



This preview shows how black text looks on a background with the Hex color 7ED872.

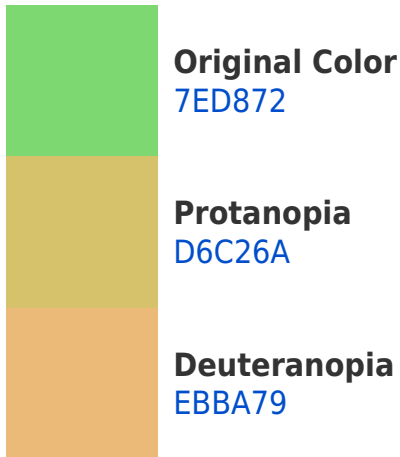


This preview shows how white text looks on a background with the Hex color 7ED872.

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](#).

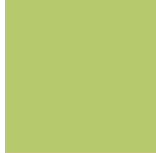
Dichromacy



Trichromacy



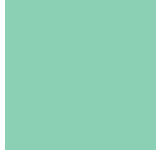
Original Color
7ED872



Protanomaly
B6CA6D



Deuteranomaly
C3C576

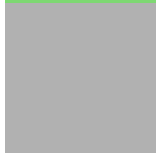


Tritanomaly
8BD0B5

Monochromacy



Original Color
7ED872



Achromatopsia
B1B1B1



Achromatomaly
9EBF9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7ED872 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 #7ED872 looks like.

```
.text, #text, p{  
    color:#7ED872  
}
```

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 #7ED872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ED872  
}
```

Border

The CSS property to change the border of an element to Hex 7ED872 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  
#7ED872 }
```

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

```
.border{ border-color:#7ED872 }
```

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

Here you see how a box with a 4 pixel #7ED872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ED872; -webkit-box-shadow:4px 4px  
4px 4px #7ED872; box-shadow:4px 4px 4px  
4px #7ED872 }
```

Background

The CSS property to change the background color of an element to Hex 7ED872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ED872 }
```

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

```
.background{ background-color:#7ED872 }
```

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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