

Converting Colors

Hex(7DA873)

Have a look what the booklet for
Hex(7DA873) contains.

Hex(7DA873)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7DA873)

Conversions

Conversions Part 1

Format	Color
Hex	7DA873
RGB	125, 168, 115
RGB Percent	49%, 66%, 45%
CMY	0.5098, 0.3412, 0.5490
CMYK	0.26, 0.00, 0.32, 0.34
HSL	109°, 23%, 55%
HSV	109°, 32%, 66%
XYZ	25.5546, 33.6030, 21.3588
YIQ	149.1010, -8.6150, -25.5990

Conversions

Conversions Part 2

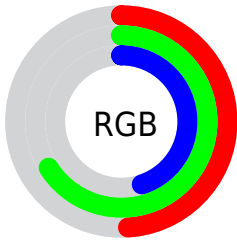
Format	Color
RYB	115, 168, 158
Decimal	8235123
CIELab	64.65, -24.90, 22.84
CIELCh	65, 33.789, 137.477
Yxy	33.6030, 0.3174, 0.4173
Android (android.graphics.Color)	4286425203 (0xFF7DA873)
YUV	149.1010, -16.8118, -21.1366
Hunter-Lab	57.9681, -22.7545, 18.7318

Details

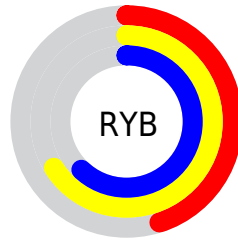
The Hex color **7DA873** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9E73A8**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B3DFA7**, and **4A7442** is the 20% darker color. If you saturate the color by 10%, you get **6FA862**, and if you desaturate by 10%, it is **8BA884**.

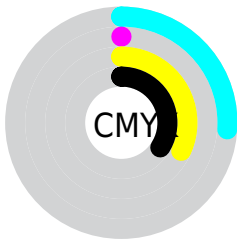
Distribution



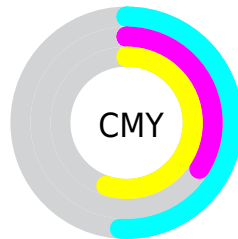
- Red (49%)
- Green (66%)
- Blue (45%)



- Red (45%)
- Yellow (66%)
- Blue (62%)



- Cyan (26%)
- Magenta (0%)
- Yellow (32%)
- Black (34%)



- Cyan (51%)
- Magenta (34%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DA873 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 7DA873 by changing the saturation by 10% instead.

 7DA873

 7DA873

FFFFFF

 638D5A

 B3DFA7

 4A7442

 CEFCC3

 325B2B

 EBFFDF

 1A4316

 FFFFFB

 042C00

 001900

 000000

 7DA873

 7DA873

 6FA862

 8BA884

 62A851

 98A895

 54A841

 A6A8A5

 46A830

 B4A8B6

 39A81F

 C1A8C7

 2BA80E

 CFA8D8

 20A800

 DCA8E9

 EAA8F9

 F8A8FF

Harmonies

Analogous

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



9FA162



7DA873



57AC8F

Triad

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



7DA873



5DA4D7



D8868C

Complementary

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



7DA873



9E73A8

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.



D087AB



7DA873



8E9AD6

Square

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



7DA873



2FAAC8



B68FC6



D18C72

Rectangle

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



7DA873



3DADA4



B68FC6



D78596

Sweetspot

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



7DA873



CBDBC8



A89D73



646E62



EDEDED



6E6E6E

Same Dimension

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



7DA873



98DB88



73A883



4D544C



1C9400



041400

Inverse Universe

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



9E73A8



CC88DB



A87398



534C54



780094



110014

Previews

White Background



This preview shows how the Hex color 7DA873 looks on a white background.

Color Contrast Check

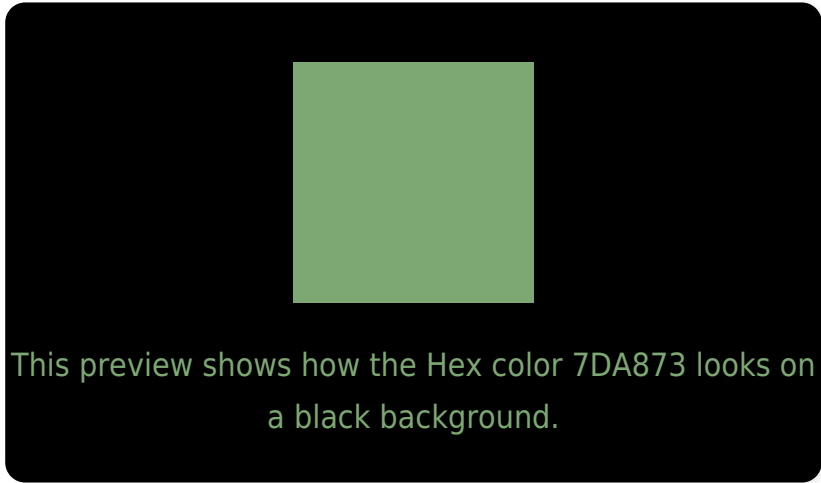
Large Text (above 18pt) WCAG AA × Fail

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

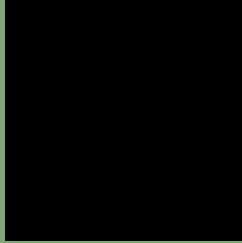
Any Text WCAG AA ✓ Pass

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 7DA873 Background



This preview shows how black text looks on a background with the Hex color 7DA873.

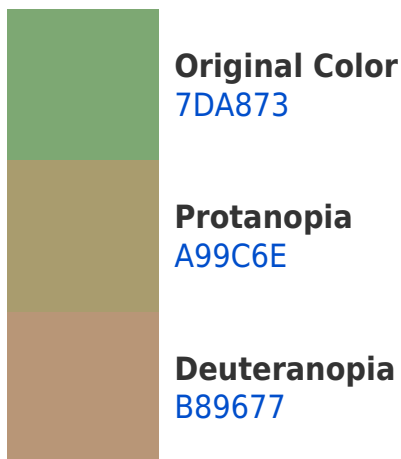


This preview shows how white text looks on a background with the Hex color 7DA873.

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](#).

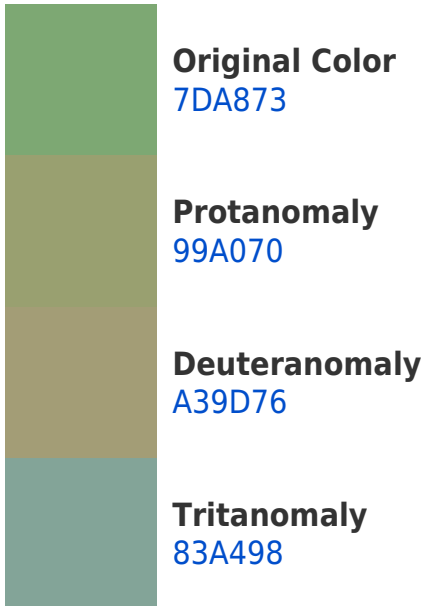
Dichromacy





Tritanopia
87A1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA873 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 #7DA873 looks like.

```
.text, #text, p{  
    color:#7DA873  
}
```

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 #7DA873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA873
}
```

Border

The CSS property to change the border of an element to Hex 7DA873 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
#7DA873 }
```

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

```
.border{ border-color:#7DA873 }
```

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

Here you see how a box with a 4 pixel #7DA873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA873; -webkit-box-shadow:4px 4px  
4px 4px #7DA873; box-shadow:4px 4px 4px  
4px #7DA873 }
```

Background

The CSS property to change the background color of an element to Hex 7DA873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA873 }
```

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

```
.background{ background-color:#7DA873 }
```

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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