

Converting Colors

Hex(7AB878)

Have a look what the booklet for
Hex(7AB878) contains.

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Color

Hex(7AB878)

Conversions

Conversions Part 1

Format	Color
Hex	7AB878
RGB	122, 184, 120
RGB Percent	48%, 72%, 47%
CMY	0.5216, 0.2784, 0.5294
CMYK	0.34, 0.00, 0.35, 0.28
HSL	118°, 31%, 60%
HSV	118°, 35%, 72%
XYZ	28.5567, 39.7746, 23.9415
YIQ	158.1660, -16.4080, -33.0480

Conversions

Conversions Part 2

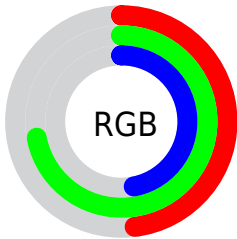
Format	Color
RYB	120, 184, 182
Decimal	8042616
CIELab	69.31, -32.83, 26.37
CIELCh	69, 42.106, 141.226
Yxy	39.7746, 0.3095, 0.4311
Android (android.graphics.Color)	4286232696 (0xFF7AB878)
YUV	158.1660, -18.8158, -31.7176
Hunter-Lab	63.0671, -29.5429, 21.6394

Details

The Hex color **7AB878** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B678B8**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B0F0AD**, and **468247** is the 20% darker color. If you saturate the color by 10%, you get **68B866**, and if you desaturate by 10%, it is **8CB88A**.

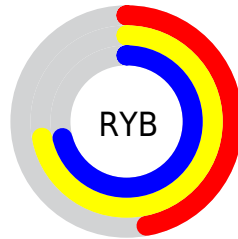
Distribution



Red (48%)

Green (72%)

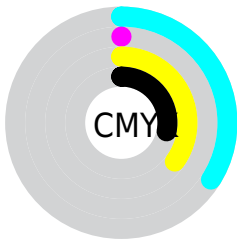
Blue (47%)



Red (47%)

Yellow (72%)

Blue (71%)

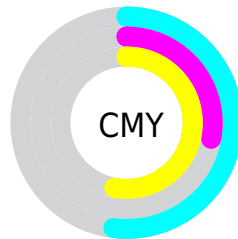


Cyan (34%)

Magenta (0%)

Yellow (35%)

Black (28%)



Cyan (52%)

Magenta (28%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AB878 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 7AB878 by changing the saturation by 10% instead.

 7AB878

 7AB878

FFFFFF

 609D5F

 B0F0AD

 468247

 CCFFC8

 2C692F

 E9FFE5

 0F5019

 003900

 002400

 000000

 7AB878

 7AB878

 68B866

 8CB88A

 56B853

 9EB89D

 45B841

 AFB8AF

 33B82E

 C1B8C2

 21B81C

 D3B8D4

 0FB80A

 E5B8E6

 06B800

 F7B8F9

 FFB8FF

Harmonies

Analogous

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



A6AF60



7AB878



42BD9C

Triad

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



7AB878



57B0F4



F38C90

Complementary

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



7AB878



B678B8

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.



EB8CB6



7AB878



9CA4F0

Square

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



7AB878



00B9E4



CE95D9



E7966F

Rectangle

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



7AB878



00BDB7



CE95D9



F38B9C

Sweetspot

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



7AB878



D8F0D8



B8B678



6A7869



F7F7F7



787878

Same Dimension

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



7AB878



8EF08B



78B896



535C53



059C00



011C00

Inverse Universe

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



B678B8



ED8BF0



B8789A



5C535C



97009C



1B001C

Previews

White Background



This preview shows how the Hex color 7AB878 looks on a white background.

Color Contrast Check

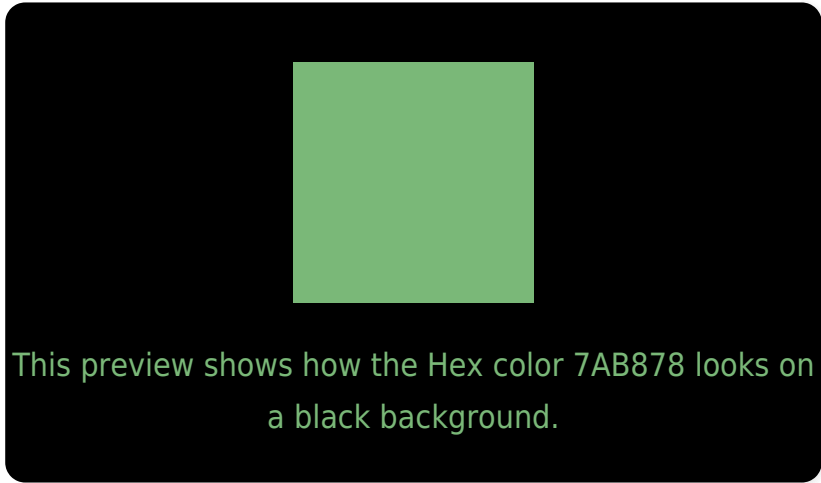
Large Text (above 18pt) WCAG AA × Fail

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 7AB878 Background



This preview shows how black text looks on a background with the Hex color 7AB878.

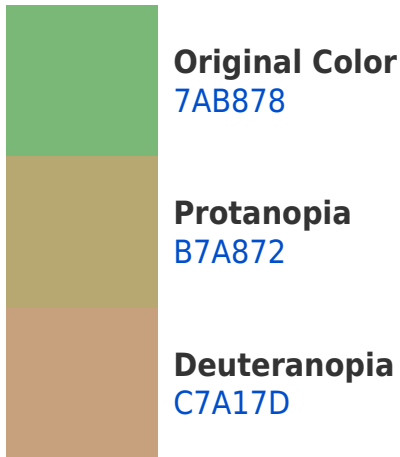


This preview shows how white text looks on a background with the Hex color 7AB878.

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](#).

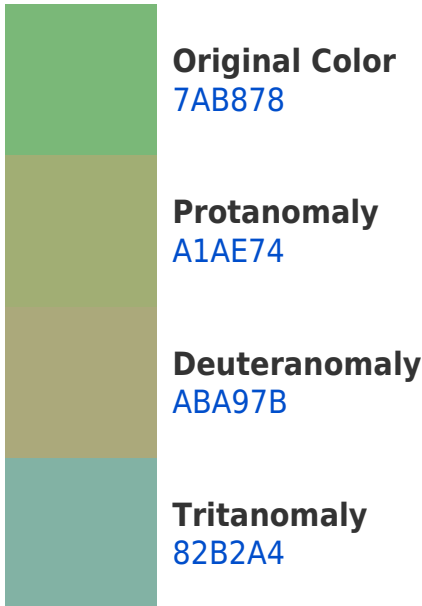
Dichromacy





Tritanopia
87AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AB878 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 #7AB878 looks like.

```
.text, #text, p{  
    color:#7AB878  
}
```

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 #7AB878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB878  
}
```

Border

The CSS property to change the border of an element to Hex 7AB878 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  
#7AB878 }
```

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

```
.border{ border-color:#7AB878 }
```

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

Here you see how a box with a 4 pixel #7AB878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB878; -webkit-box-shadow:4px 4px  
4px 4px #7AB878; box-shadow:4px 4px 4px  
4px #7AB878 }
```

Background

The CSS property to change the background color of an element to Hex 7AB878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB878 }
```

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

```
.background{ background-color:#7AB878 }
```

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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