

Converting Colors

Hex(7AB178)

Have a look what the booklet for
Hex(7AB178) contains.

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Color

Hex(7AB178)

Conversions

Conversions Part 1

Format	Color
Hex	7AB178
RGB	122, 177, 120
RGB Percent	48%, 69%, 47%
CMY	0.5216, 0.3059, 0.5294
CMYK	0.31, 0.00, 0.32, 0.31
HSL	118°, 27%, 58%
HSV	118°, 32%, 69%
XYZ	27.1383, 36.9379, 23.4687
YIQ	154.0570, -14.4830, -29.3870

Conversions

Conversions Part 2

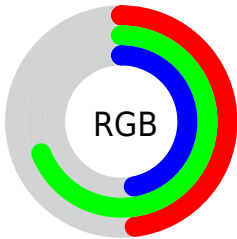
Format	Color
RYB	120, 177, 175
Decimal	8040824
CIELab	67.23, -29.51, 23.59
CIELCh	67, 37.776, 141.364
Yxy	36.9379, 0.3100, 0.4219
Android (android.graphics.Color)	4286230904 (0xFF7AB178)
YUV	154.0570, -16.7901, -28.1140
Hunter-Lab	60.7766, -26.6540, 19.6489

Details

The Hex color **7AB178** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AF78B1**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B0E9AD**, and **477C47** is the 20% darker color. If you saturate the color by 10%, you get **69B166**, and if you desaturate by 10%, it is **8BB18A**.

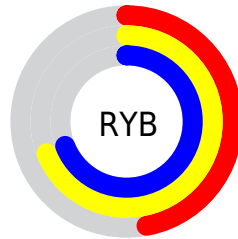
Distribution



Red (48%)

Green (69%)

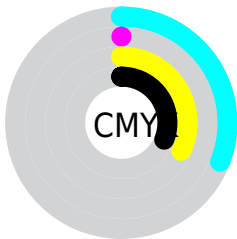
Blue (47%)



Red (47%)

Yellow (69%)

Blue (69%)

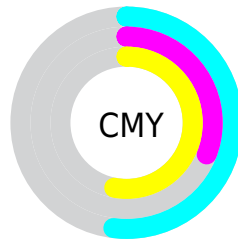


Cyan (31%)

Magenta (0%)

Yellow (32%)

Black (31%)



Cyan (52%)

Magenta (31%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AB178 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 7AB178 by changing the saturation by 10% instead.



7AB178



7AB178

FFFFFF



60965F



B0E9AD



477C47



CCFFC8



2E6330



E8FFE4



134B1A



003301



002000



000000



7AB178



7AB178



69B166



8BB18A

 58B155

 9CB19B

 47B143

 ADB1AD

 36B131

 BEB1BF

 25B120

 CFB1D1

 14B10E

 E0B1E2

 06B100

 F2B1F4

 FFB1FF

Harmonies

Analogous

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



A1A963



7AB178



4CB598

Triad

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



7AB178



5FAAE6



E68A8D

Complementary

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



7AB178



AF78B1

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.



DF8AAF



7AB178



999EE3

Square

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



7AB178



17B2D8



C592CE



DB9270

Rectangle

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



7AB178



26B6B0



C592CE



E68998

Sweetspot

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



7AB178



CFE6CF



B1AE78



657365



F2F2F2



737373

Same Dimension

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



7AB178



8FE68C



78B192



515950



059900



011A00

Inverse Universe

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



AF78B1



E28CE6



B17897



595059



940099



19001A

Previews

White Background



This preview shows how the Hex color 7AB178 looks on a white background.

Color Contrast Check

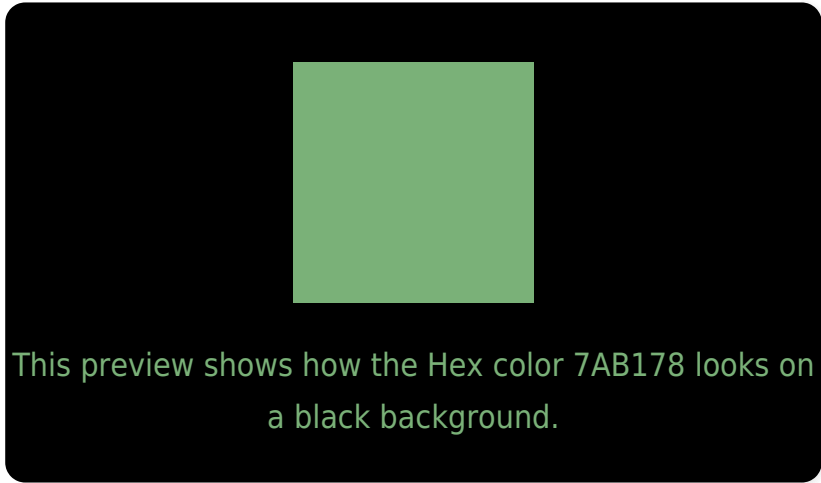
Large Text (above 18pt) WCAG AA × Fail

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

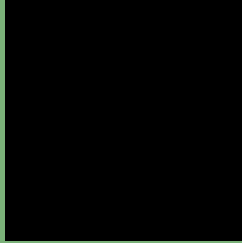
Any Text WCAG AA ✓ Pass

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 7AB178 Background



This preview shows how black text looks on a background with the Hex color 7AB178.

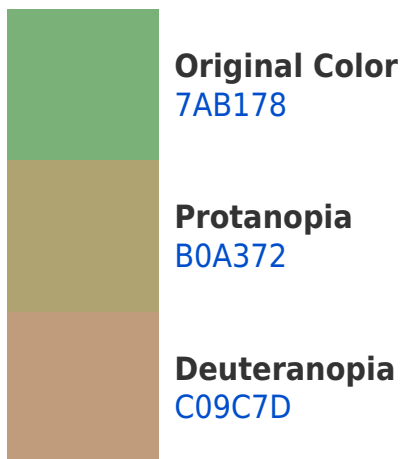


This preview shows how white text looks on a background with the Hex color 7AB178.

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](#).

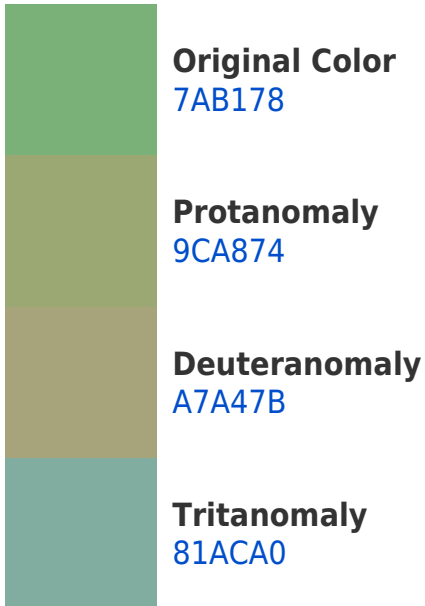
Dichromacy





Tritanopia
85A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AB178 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 #7AB178 looks like.

```
.text, #text, p{  
    color:#7AB178  
}
```

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 #7AB178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB178
}
```

Border

The CSS property to change the border of an element to Hex 7AB178 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
#7AB178 }
```

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

```
.border{ border-color:#7AB178 }
```

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

Here you see how a box with a 4 pixel #7AB178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB178; -webkit-box-shadow:4px 4px  
4px 4px #7AB178; box-shadow:4px 4px 4px  
4px #7AB178 }
```

Background

The CSS property to change the background color of an element to Hex 7AB178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB178 }
```

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

```
.background{ background-color:#7AB178 }
```

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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