

Converting Colors

Hex(7AC78A)

Have a look what the booklet for
Hex(7AC78A) contains.

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Color

Hex(7AC78A)

Conversions

Conversions Part 1

Format	Color
Hex	7AC78A
RGB	122, 199, 138
RGB Percent	48%, 78%, 54%
CMY	0.5216, 0.2196, 0.4588
CMYK	0.39, 0.00, 0.31, 0.22
HSL	132°, 41%, 63%
HSV	132°, 39%, 78%
XYZ	33.0369, 46.8194, 31.3406
YIQ	169.0230, -26.3110, -35.2950

Conversions

Conversions Part 2

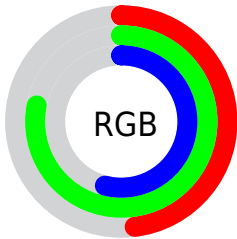
Format	Color
RYB	122, 186, 199
Decimal	8046474
CIELab	74.07, -36.70, 23.25
CIELCh	74, 43.442, 147.646
Yxy	46.8194, 0.2971, 0.4210
Android (android.graphics.Color)	4286236554 (0xFF7AC78A)
YUV	169.0230, -15.2943, -41.2392
Hunter-Lab	68.4247, -33.5596, 20.7407

Details

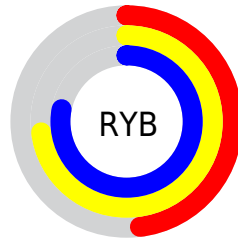
The Hex color **7AC78A** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C77AB7**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B1FFC0**, and **449158** is the 20% darker color. If you saturate the color by 10%, you get **66C77A**, and if you desaturate by 10%, it is **8EC79A**.

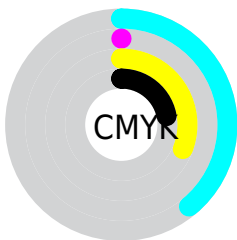
Distribution



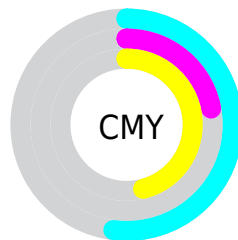
- Red (48%)
- Green (78%)
- Blue (54%)



- Red (48%)
- Yellow (73%)
- Blue (78%)



- Cyan (39%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)



- Cyan (52%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AC78A 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 7AC78A by changing the saturation by 10% instead.

 7AC78A

 7AC78A

FFFFFF

 5FAB70

 B1FFC0

 449158

 CDFDC

 297640

 EAFF8

 035D29

 004513

 002E00

 001700

 000000

 7AC78A

 7AC78A

 66C77A

 8EC79A

 52C76A

 A2C7AA

 3EC75B

 B6C7B9

 2AC74B

 CAC7C9

 17C73B

 DEC7D9

 03C72B

 F1C7E9

 00C729

 FFC7F8

 FFC7FF

Harmonies

Analogous

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



AABF6E



7AC78A



3CCBB1

Triad

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



7AC78A



73BBFF



FF9993

Complementary

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



7AC78A



C77AB7

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.



FF97BB



7AC78A



B6ADFD

Square

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



7AC78A



00C5F9



E59FE1



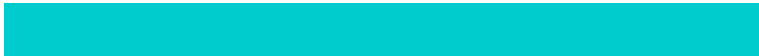
F2A574

Rectangle

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



7AC78A



00CBCD



E59FE1



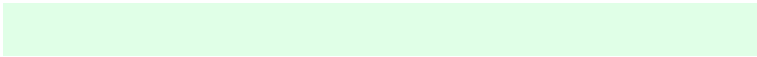
FF97A0

Sweetspot

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



7AC78A



E0FFE7



B8C77A



6E8071



000000



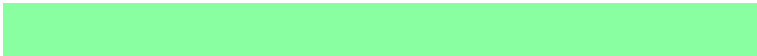
808080

Same Dimension

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



7AC78A



8AFFA2



7AC7B0



5A635C



00A322



002407

Inverse Universe

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



C77AB7



FF8AE7



C77A91



635A61



A30081



24001C

Previews

White Background



This preview shows how the Hex color 7AC78A looks on a white background.

Color Contrast Check

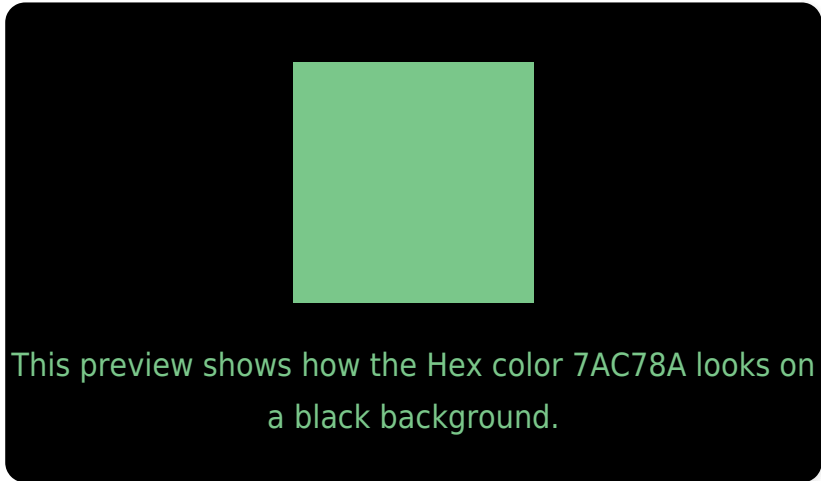
Large Text (above 18pt) WCAG AA × Fail

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

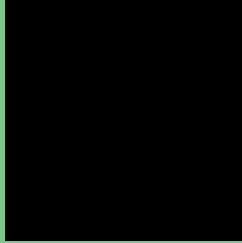
Any Text WCAG AA ✓ Pass

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 7AC78A Background



This preview shows how black text looks on a background with the Hex color 7AC78A.

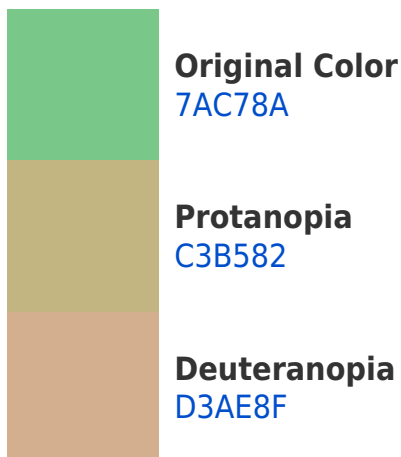


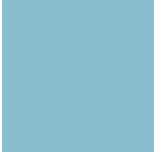
This preview shows how white text looks on a background with the Hex color 7AC78A.

Color Blindness Simulation

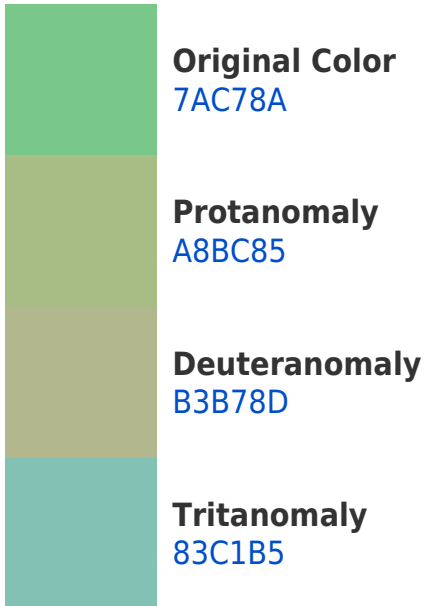
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

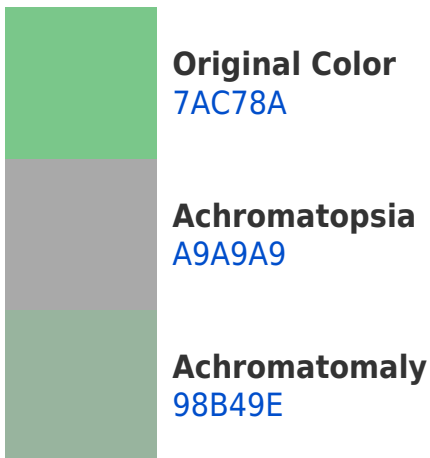




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AC78A 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 #7AC78A looks like.

```
.text, #text, p{  
    color:#7AC78A  
}
```

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 #7AC78A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AC78A
}
```

Border

The CSS property to change the border of an element to Hex 7AC78A 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
#7AC78A }
```

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

```
.border{ border-color:#7AC78A }
```

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

Here you see how a box with a 4 pixel #7AC78A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AC78A; -webkit-box-shadow:4px 4px  
4px 4px #7AC78A; box-shadow:4px 4px 4px  
4px #7AC78A }
```

Background

The CSS property to change the background color of an element to Hex 7AC78A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AC78A }
```

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

```
.background{ background-color:#7AC78A }
```

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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