

Converting Colors

Hex(7ACC7A)

Have a look what the booklet for
Hex(7ACC7A) contains.

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Color

Hex(7ACC7A)

Conversions

Conversions Part 1

Format	Color
Hex	7ACC7A
RGB	122, 204, 122
RGB Percent	48%, 80%, 48%
CMY	0.5216, 0.2000, 0.5216
CMYK	0.40, 0.00, 0.40, 0.20
HSL	120°, 45%, 64%
HSV	120°, 40%, 80%
XYZ	33.1318, 48.7284, 26.0717
YIQ	170.1340, -22.5500, -42.8860

Conversions

Conversions Part 2

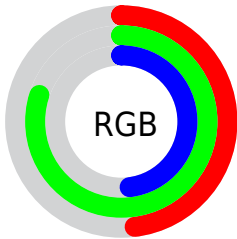
Format	Color
RYB	122, 204, 204
Decimal	8047738
CIELab	75.28, -41.57, 33.19
CIELCh	75, 53.193, 141.395
Yxy	48.7284, 0.3070, 0.4515
Android (android.graphics.Color)	4286237818 (0xFF7ACC7A)
YUV	170.1340, -23.7301, -42.2135
Hunter-Lab	69.8058, -37.4390, 26.7199

Details

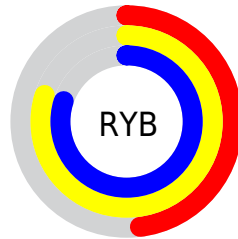
The Hex color **7ACC7A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CC7ACC**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B2FFAF**, and **439548** is the 20% darker color. If you saturate the color by 10%, you get **66CC66**, and if you desaturate by 10%, it is **8ECC8E**.

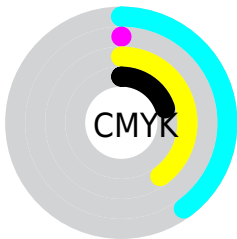
Distribution



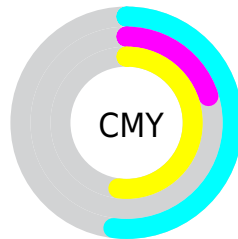
- Red (48%)
- Green (80%)
- Blue (48%)



- Red (48%)
- Yellow (80%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (40%)
- Black (20%)



- Cyan (52%)
- Magenta (20%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7ACC7A 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 7ACC7A by changing the saturation by 10% instead.



7ACC7A



7ACC7A

FFFFFF



5FB061



B2FFAF



439548



CEFFCB



267B30



EBFFE7



006118



004900



003100



001B00



000000



7ACC7A



7ACC7A

 66CC66

 8ECC8E

 51CC51

 A3CCA3

 3DCC3D

 B7CCB7

 28CC28

 CCCCCC

 14CC14

 E0CCE0

 00CC00

 F4CCF4

 FFCCFF

Harmonies

Analogous

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



B4C15A



7ACC7A



01D2A9

Triad

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



7ACC7A



34C3FF



FF9298

Complementary

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



7ACC7A



CC7ACC

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.



FF92CA



7ACC7A



A7B2FF

Square

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



7ACC7A



00CEFF



E89FF7



FFA06E

Rectangle

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



7ACC7A



00D2CB



E89FF7



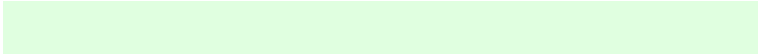
FF90A8

Sweetspot

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



7ACC7A



E0FFE0



CCCC7A



6E806E



000000



808080

Same Dimension

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



7ACC7A



85FF85



7ACCA3



5C665C



00A600



002600

Inverse Universe

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



CC7ACC



FF85FF



CC7AA3



665C66



A600A6



260026

Previews

White Background



This preview shows how the Hex color 7ACC7A looks on a white background.

Color Contrast Check

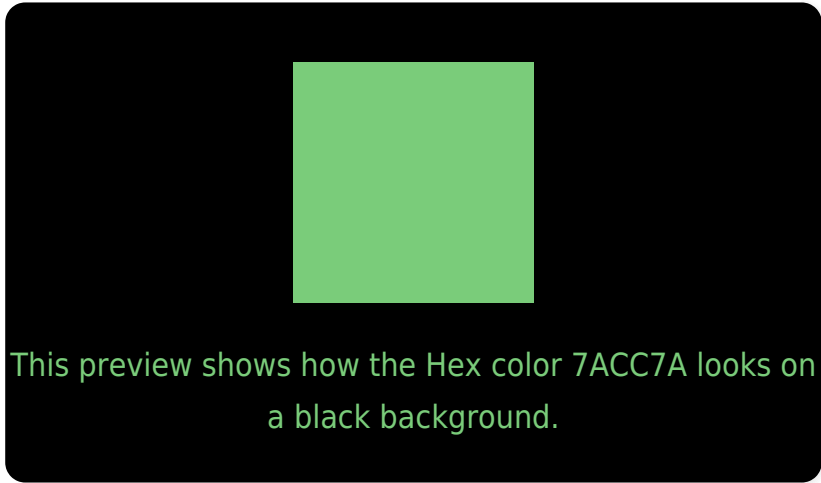
Large Text (above 18pt) WCAG AA × Fail

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 7ACC7A Background



This preview shows how black text looks on a background with the Hex color 7ACC7A.

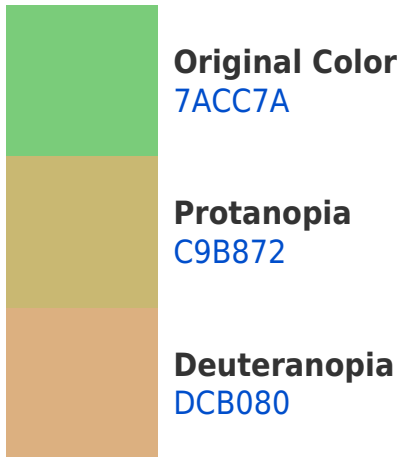


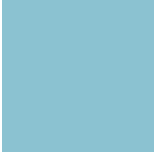
This preview shows how white text looks on a background with the Hex color 7ACC7A.

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
8BC2D1

Trichromacy



Original Color

7ACC7A



Protanomaly

ACBF75



Deuteranomaly

B8BA7E



Tritanomaly

85C6B1

Monochromacy



Original Color

7ACC7A



Achromatopsia

AAAAAA



Achromatomaly

99B699

CSS Examples

Text

The CSS property to change the color of the text to Hex 7ACC7A 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 #7ACC7A looks like.

```
.text, #text, p{  
    color:#7ACC7A  
}
```

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 #7ACC7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ACC7A
}
```

Border

The CSS property to change the border of an element to Hex 7ACC7A 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
#7ACC7A }
```

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

```
.border{ border-color:#7ACC7A }
```

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

Here you see how a box with a 4 pixel #7ACC7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ACC7A; -webkit-box-shadow:4px 4px  
4px 4px #7ACC7A; box-shadow:4px 4px 4px  
4px #7ACC7A }
```

Background

The CSS property to change the background color of an element to Hex 7ACC7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ACC7A }
```

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

```
.background{ background-color:#7ACC7A }
```

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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