

Converting Colors

Hex(49A77A)

Have a look what the booklet for
Hex(49A77A) contains.

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Color

Hex(49A77A)

Conversions

Conversions Part 1

Format	Color
Hex	49A77A
RGB	73, 167, 122
RGB Percent	29%, 65%, 48%
CMY	0.7137, 0.3451, 0.5216
CMYK	0.56, 0.00, 0.27, 0.35
HSL	151°, 39%, 47%
HSV	151°, 56%, 65%
XYZ	20.0792, 30.4590, 23.2333
YIQ	133.7640, -41.5790, -33.9230

Conversions

Conversions Part 2

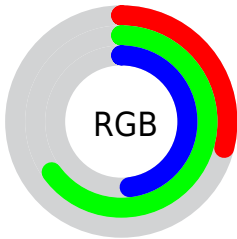
Format	Color
RYB	73, 135, 167
Decimal	4827002
CIELab	62.05, -38.63, 15.05
CIELCh	62, 41.457, 158.709
Yxy	30.4590, 0.2722, 0.4129
Android (android.graphics.Color)	4283017082 (0xFF49A77A)
YUV	133.7640, -5.7997, -53.2900
Hunter-Lab	55.1897, -31.6398, 13.6734

Details

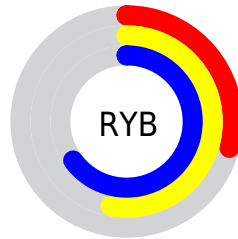
The Hex color **49A77A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A74976**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **81DFAF**, and **007249** is the 20% darker color. If you saturate the color by 10%, you get **38A772**, and if you desaturate by 10%, it is **5AA782**.

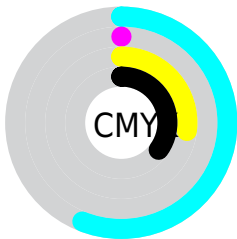
Distribution



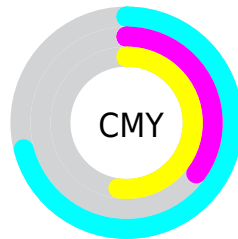
- Red (29%)
- Green (65%)
- Blue (48%)



- Red (29%)
- Yellow (53%)
- Blue (65%)



- Cyan (56%)
- Magenta (0%)
- Yellow (27%)
- Black (35%)



- Cyan (71%)
- Magenta (35%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49A77A 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 49A77A by changing the saturation by 10% instead.



49A77A



49A77A

FFFFFF



2B8C61



81DFAF



007249



9DFCCA



005932



B9FFE6



00411D



D6FFFF



002A05



F4FFFF



000E00



000000



49A77A



49A77A



38A772



5AA782

 28A76A

 6AA78A

 17A762

 7BA792

 06A75A

 8CA79A

 00A757

 9CA7A2

 ADA7AA

 BEA7B2

 CFA7BA

 DFA7C2

Harmonies

Analogous

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



7BA15B



49A77A



00A9A0

Triad

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



49A77A



6E96DE



D77E6A

Complementary

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



49A77A



A74976

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.



DC788D



49A77A



A788CF

Square

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



49A77A



00A1DA



CC7CB1



C28B51

Rectangle

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



49A77A



00A8B8



CC7CB1



DB7B75

Sweetspot

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



49A77A



B4D9C7



76A749



586E63



EDEDED



6E6E6E

Same Dimension

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



49A77A



45D992



49A5A7



4C5450



00944D



00140B

Inverse Universe

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



A74976



D9458C



A74B49



544C50



940047



14000A

Previews

White Background



This preview shows how the Hex color 49A77A looks on a white background.

Color Contrast Check

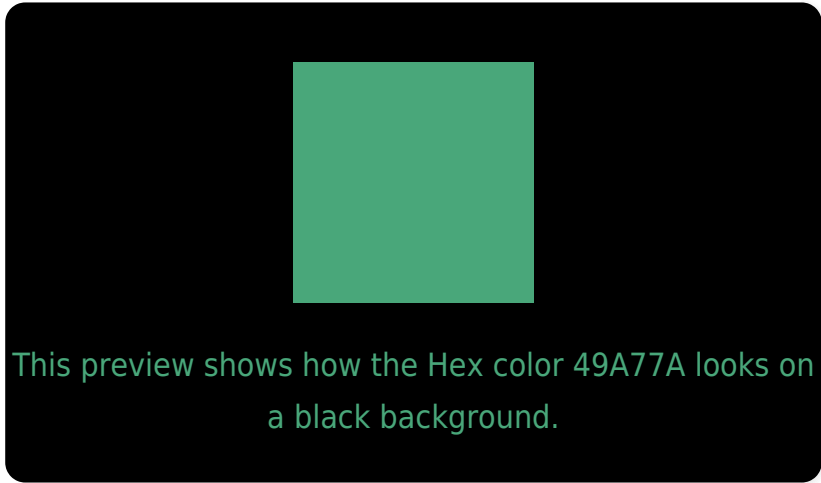
Large Text (above 18pt) WCAG AA × Fail

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 49A77A Background



This preview shows how black text looks on a background with the Hex color 49A77A.

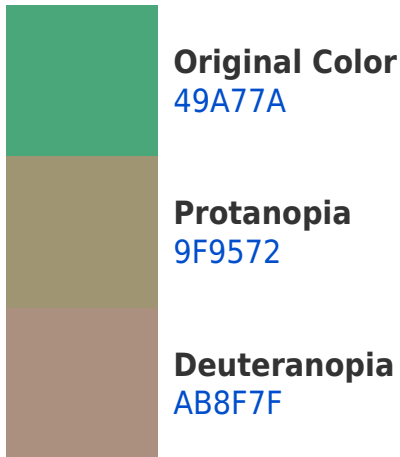


This preview shows how white text looks on a background with the Hex color 49A77A.

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
59A0AD

Trichromacy



Original Color
49A77A



Protanomaly
809C75



Deuteranomaly
87987D



Tritanomaly
53A39A

Monochromacy



Original Color
49A77A



Achromatopsia
868686



Achromatomaly
709282

CSS Examples

Text

The CSS property to change the color of the text to Hex 49A77A 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 #49A77A looks like.

```
.text, #text, p{  
    color:#49A77A  
}
```

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 #49A77A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A77A
}
```

Border

The CSS property to change the border of an element to Hex 49A77A 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
#49A77A }
```

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

```
.border{ border-color:#49A77A }
```

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

Here you see how a box with a 4 pixel #49A77A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A77A; -webkit-box-shadow:4px 4px  
4px 4px #49A77A; box-shadow:4px 4px 4px  
4px #49A77A }
```

Background

The CSS property to change the background color of an element to Hex 49A77A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A77A }
```

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

```
.background{ background-color:#49A77A }
```

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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