

Converting Colors

Hex(49A7A4)

Have a look what the booklet for
Hex(49A7A4) contains.

Hex(49A7A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(49A7A4)

Conversions

Conversions Part 1

Format	Color
Hex	49A7A4
RGB	73, 167, 164
RGB Percent	29%, 65%, 64%
CMY	0.7137, 0.3451, 0.3569
CMYK	0.56, 0.00, 0.02, 0.35
HSL	178°, 39%, 47%
HSV	178°, 56%, 65%
XYZ	23.2672, 31.7342, 40.0210
YIQ	138.5520, -55.0610, -20.8610

Conversions

Conversions Part 2

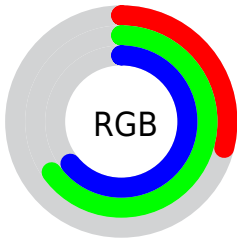
Format	Color
RYB	73, 121, 167
Decimal	4827044
CIELab	63.12, -28.27, -6.85
CIELCh	63, 29.083, 193.616
Yxy	31.7342, 0.2449, 0.3340
Android (android.graphics.Color)	4283017124 (0xFF49A7A4)
YUV	138.5520, 12.5459, -57.4891
Hunter-Lab	56.3331, -24.8574, -2.6884

Details

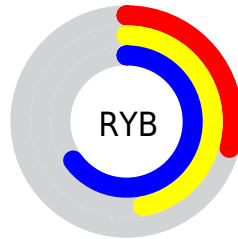
The Hex color **49A7A4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A7494C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **82DEDB**, and **007370** is the 20% darker color. If you saturate the color by 10%, you get **38A7A3**, and if you desaturate by 10%, it is **5AA7A5**.

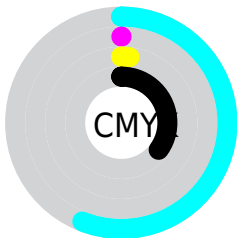
Distribution



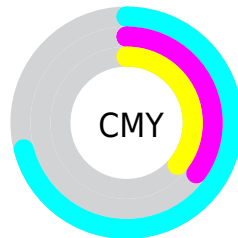
- Red (29%)
- Green (65%)
- Blue (64%)



- Red (29%)
- Yellow (47%)
- Blue (65%)



- Cyan (56%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (71%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49A7A4 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 49A7A4 by changing the saturation by 10% instead.



49A7A4



49A7A4

FFFFFF



298C8A



82DEDB



007370



9FFBF7



005A58



BCFFFF



004241



D9FFFF



002B2B



F7FFFF



001417



000000



49A7A4



49A7A4



38A7A3



5AA7A5

■ 28A7A3

■ 6AA7A5

■ 17A7A2

■ 7BA7A6

■ 06A7A2

■ 8CA7A6

■ 00A7A2

■ 9CA7A7

■ ADA7A7

■ BEA7A8

■ CFA7A8

■ DFA7A9

Harmonies

Analogous

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



63A689



49A7A4



45A5BC

Triad

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



49A7A4



AB8EBE



B79268

Complementary

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



49A7A4



A7494C

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.



C88A76



49A7A4



C387A8

Square

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



49A7A4



8897CB



CC858E



9F9B66

Rectangle

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



49A7A4



55A2C6



CC858E



BE8F6B

Sweetspot

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



49A7A4



B4D9D8



4CA749



586E6D



EDEDED



6E6E6E

Same Dimension

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



49A7A4



45D9D4



497BA7



4C5454



00948F



001414

Inverse Universe

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



A7494C



D9454A



A77549



544C4C



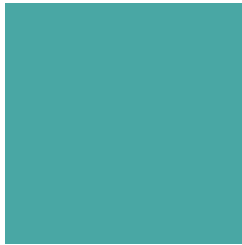
940005



140001

Previews

White Background



This preview shows how the Hex color 49A7A4 looks on a white background.

Color Contrast Check

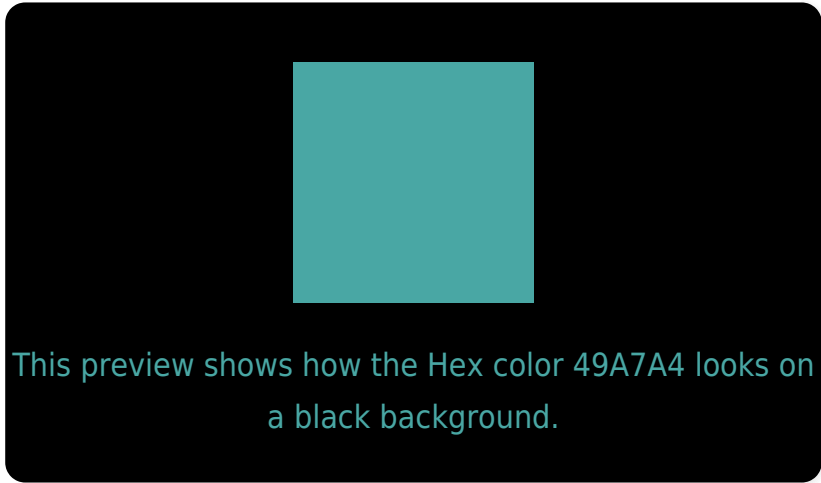
Large Text (above 18pt) WCAG AA × Fail

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

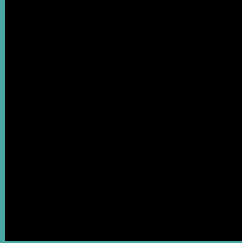
Any Text WCAG AA ✓ Pass

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 49A7A4 Background



This preview shows how black text looks on a background with the Hex color 49A7A4.

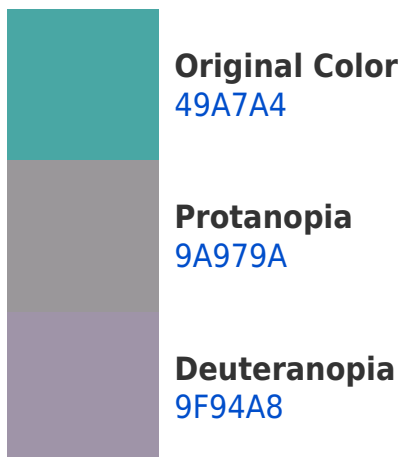


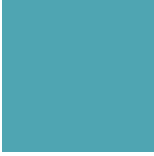
This preview shows how white text looks on a background with the Hex color 49A7A4.

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](#).

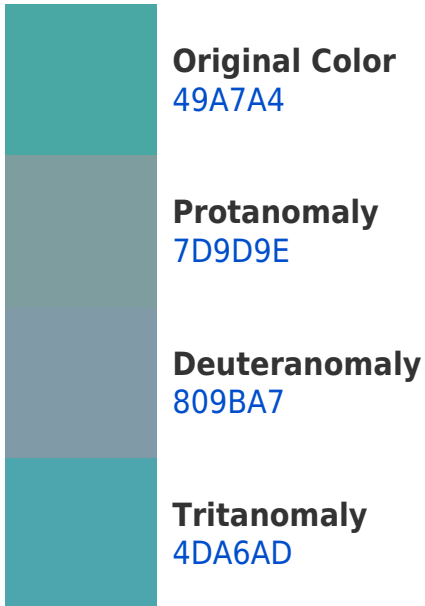
Dichromacy



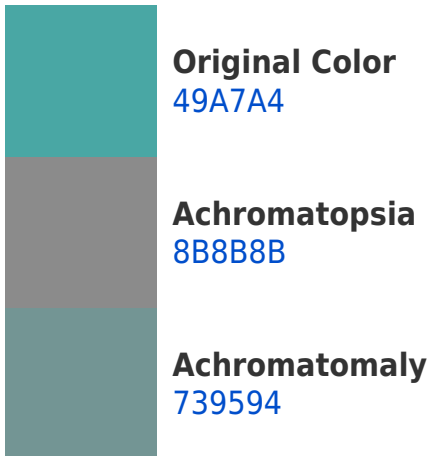


Tritanopia
4FA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49A7A4 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 #49A7A4 looks like.

```
.text, #text, p{  
    color:#49A7A4  
}
```

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 #49A7A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A7A4
}
```

Border

The CSS property to change the border of an element to Hex 49A7A4 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
#49A7A4 }
```

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

```
.border{ border-color:#49A7A4 }
```

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

Here you see how a box with a 4 pixel #49A7A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A7A4; -webkit-box-shadow:4px 4px  
4px 4px #49A7A4; box-shadow:4px 4px 4px  
4px #49A7A4 }
```

Background

The CSS property to change the background color of an element to Hex 49A7A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A7A4 }
```

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

```
.background{ background-color:#49A7A4 }
```

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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