

Converting Colors

Hex(4EAA9A)

Have a look what the booklet for
Hex(4EAA9A) contains.

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Color

Hex(4EAA9A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4EAA9A |
| RGB | 78, 170, 154 |
| RGB Percent | 31%, 67%, 60% |
| CMY | 0.6941, 0.3333, 0.3961 |
| CMYK | 0.54, 0.00, 0.09, 0.33 |
| HSL | 170°, 37%, 49% |
| HSV | 170°, 54%, 67% |
| XYZ | 23.3493, 32.7022, 35.6534 |
| YIQ | 140.6680, -49.6960, -24.4800 |

Conversions

Conversions Part 2

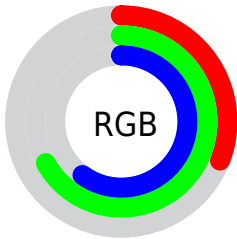
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 78, 128, 170 |
| Decimal | 5155482 |
| CIELab | 63.92, -31.33, -0.06 |
| CIElCh | 64, 31.332, 180.109 |
| Yxy | 32.7022, 0.2546, 0.3566 |
| Android (android.graphics.Color) | 4283345562 (0xFF4EAA9A) |
| YUV | 140.6680, 6.5727, -54.9598 |
| Hunter-Lab | 57.1859, -27.1926, 3.0649 |

Details

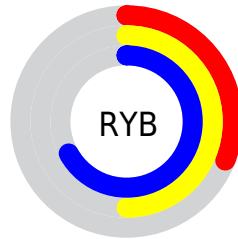
The Hex color **4EAA9A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA4E5E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **86E2D0**, and **047567** is the 20% darker color. If you saturate the color by 10%, you get **3DAA97**, and if you desaturate by 10%, it is **5FAA9D**.

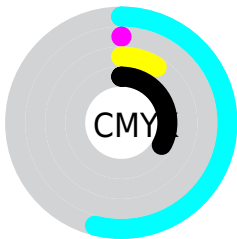
Distribution



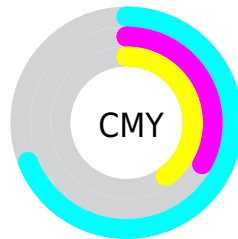
- Red (31%)
- Green (67%)
- Blue (60%)



- Red (31%)
- Yellow (50%)
- Blue (67%)



- Cyan (54%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)



- Cyan (69%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EAA9A 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 4EAA9A by changing the saturation by 10% instead.



4EAA9A



4EAA9A

FFFFFF



308F80



86E2D0



047567



A3FFED



005C4F



BFFFFFF



004438



DCFFFF



002D23



FAFFFF



00170D



000000



4EAA9A



4EAA9A



3DAA97



5FAA9D

■ 2CAA94

■ 70AAA0

■ 1BAA91

■ 81AAA3

■ 0AAA8E

■ 92AAA6

■ 00AA8C

■ A3AAA9

■ B4AAAC

■ C5AAAF

■ D6AAB2

■ E7AAB5

Harmonies

Analogous

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



70A77E



4EAA9A



38A9B6

Triad

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



4EAA9A



9F94CB



C5906B

Complementary

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



4EAA9A



AA4E5E

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.



D18880



4EAA9A



BE8AB7

Square

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



4EAA9A



759DD2



D0869C



AE9963

Rectangle

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



4EAA9A



40A7C5



D0869C



CA8D71

Sweetspot

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



4EAA9A



BADED8



5FAA4E



5B706C



F0F0F0



707070

Same Dimension

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



4EAA9A



4EDEC5



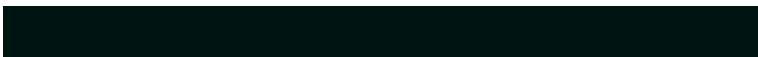
4E8DAA



4C5453



00947A



001411

Inverse Universe

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



AA4E5E



DE4E67



AA6B4E



544C4D



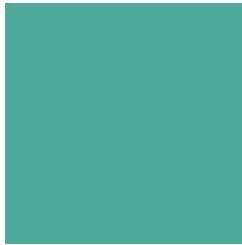
94001A



140004

Previews

White Background



This preview shows how the Hex color 4EAA9A looks on a white background.

Color Contrast Check

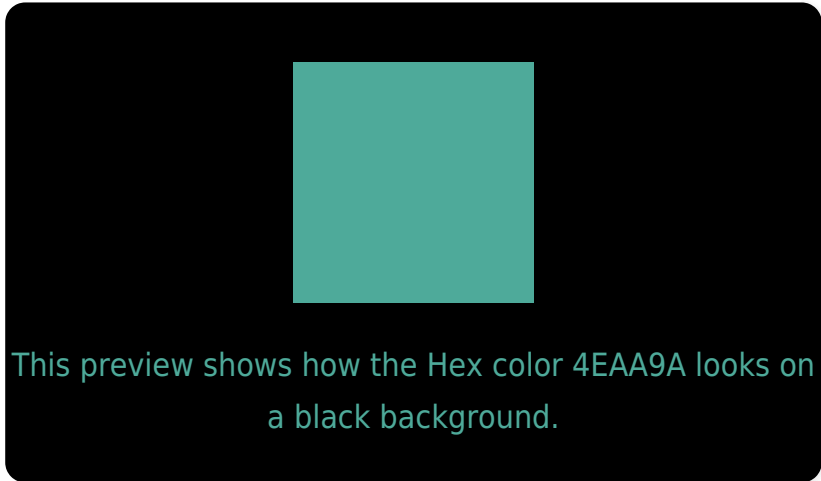
Large Text (above 18pt) WCAG AA × Fail

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

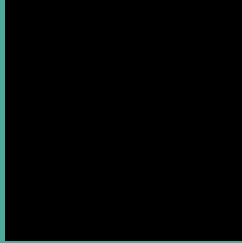
Any Text WCAG AA ✓ Pass

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 4EAA9A Background



This preview shows how black text looks on a background with the Hex color 4EAA9A.

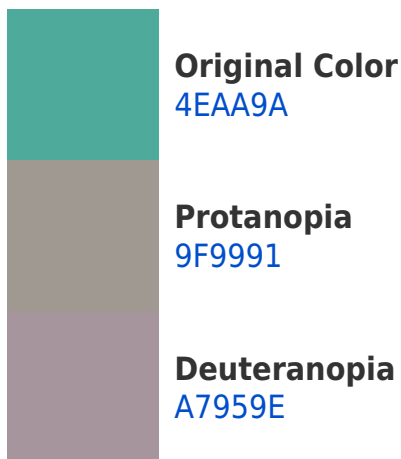


This preview shows how white text looks on a background with the Hex color 4EAA9A.

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](#).

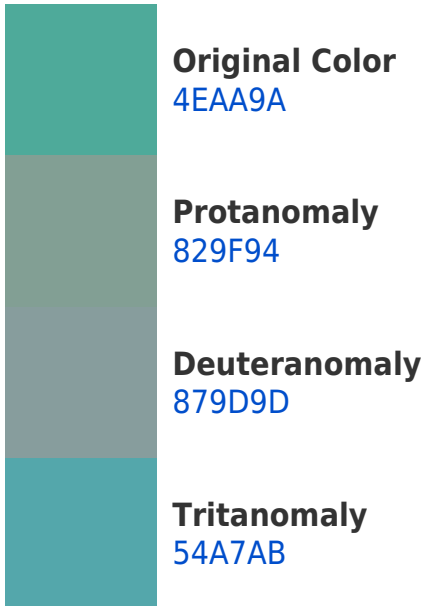
Dichromacy



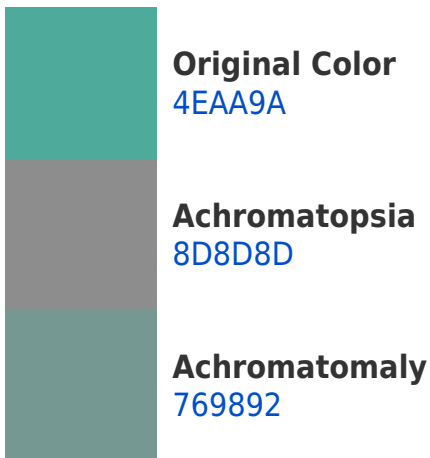


Tritanopia
57A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EAA9A 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 #4EAA9A looks like.

```
.text, #text, p{  
    color:#4EAA9A  
}
```

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 #4EAA9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EAA9A
}
```

Border

The CSS property to change the border of an element to Hex 4EAA9A 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
#4EAA9A }
```

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

```
.border{ border-color:#4EAA9A }
```

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

Here you see how a box with a 4 pixel #4EAA9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EAA9A; -webkit-box-shadow:4px 4px  
4px 4px #4EAA9A; box-shadow:4px 4px 4px  
4px #4EAA9A }
```

Background

The CSS property to change the background color of an element to Hex 4EAA9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EAA9A }
```

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

```
.background{ background-color:#4EAA9A }
```

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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