

Converting Colors

Hex(49AEAC)

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

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Color

Hex(49AEAC)

Conversions

Conversions Part 1

Format	Color
Hex	49AEAC
RGB	73, 174, 172
RGB Percent	29%, 68%, 67%
CMY	0.7137, 0.3176, 0.3255
CMYK	0.58, 0.00, 0.01, 0.32
HSL	179°, 41%, 48%
HSV	179°, 58%, 68%
XYZ	25.3301, 34.6671, 44.3861
YIQ	143.5730, -59.5540, -22.0340

Conversions

Conversions Part 2

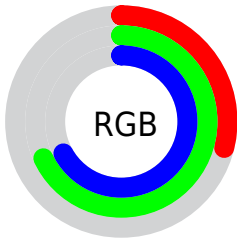
Format	Color
RYB	73, 124, 174
Decimal	4828844
CIELab	65.49, -29.48, -7.80
CIElCh	65, 30.495, 194.814
Yxy	34.6671, 0.2427, 0.3321
Android (android.graphics.Color)	4283018924 (0xFF49AEAC)
YUV	143.5730, 14.0145, -61.8925
Hunter-Lab	58.8788, -26.2459, -3.4809

Details

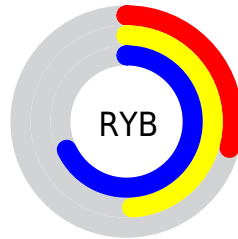
The Hex color **49AEAC** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AE494B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **84E6E3**, and **007978** is the 20% darker color. If you saturate the color by 10%, you get **38AEAC**, and if you desaturate by 10%, it is **5AAEAC**.

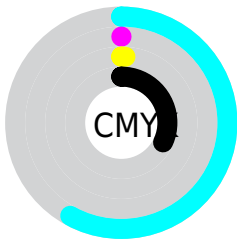
Distribution



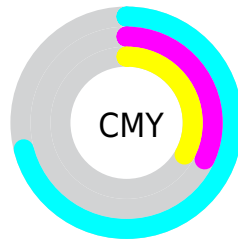
- Red (29%)
- Green (68%)
- Blue (67%)



- Red (29%)
- Yellow (49%)
- Blue (68%)



- Cyan (58%)
- Magenta (0%)
- Yellow (1%)
- Black (32%)



- Cyan (71%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

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



49AEAC



49AEAC

FFFFFF



279391



84E6E3



007978



A0FFFF



00605F



BEFFFF



004847



DBFFFF



003031



F9FFFF



001C1C



000000



49AEAC



49AEAC



38AEAC



5AAEAC

■ 26AEAB

■ 6CAEAD

■ 15AEAB

■ 7DAEAD

■ 03AEAB

■ 8FAEAD

■ 00AEAB

■ A0AEAE

■ B1AEAE

■ C3AEAE

■ D4AEAF

■ E6AEAF

Harmonies

Analogous

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



65AD90



49AEAC



46ACC5

Triad

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



49AEAC



B493C6



BE996B

Complementary

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



49AEAC



AE494B

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.



D0907A



49AEAC



CC8CAE

Square

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



49AEAC



8F9DD4



D58B92



A4A26A

Rectangle

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



49AEAC



58A8D0



D58B92



C5956E

Sweetspot

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



49AEAC



BCE3E2



4CAE49



5C7372



F2F2F2



737373

Same Dimension

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



49AEAC



44E3E0



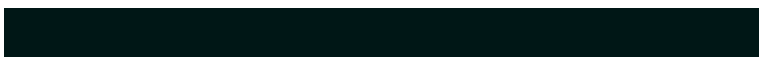
497FAE



4E5757



009693



001716

Inverse Universe

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



AE494B



E34447



AE7849



574E4E



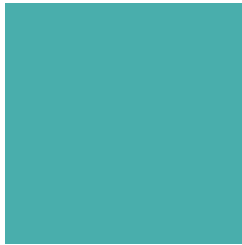
960003



170000

Previews

White Background



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

Color Contrast Check

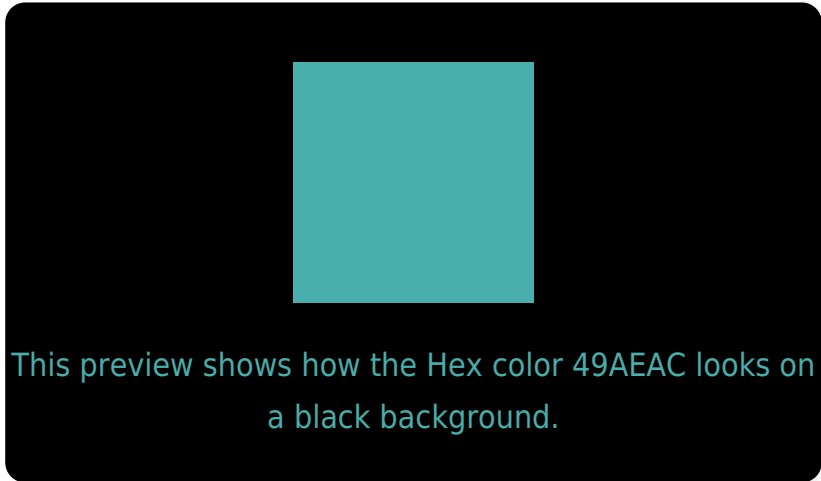
Large Text (above 18pt) WCAG AA × Fail

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

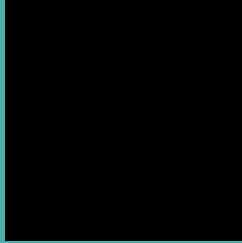
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

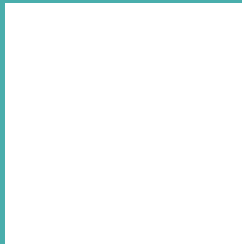
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 49AEAC Background



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

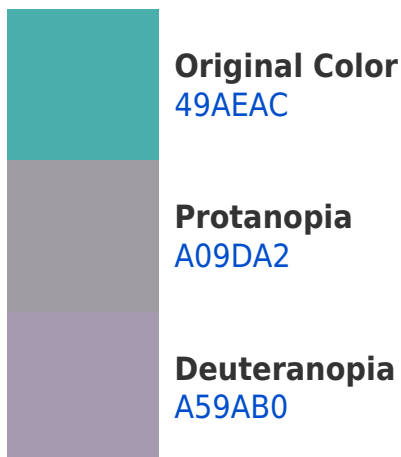


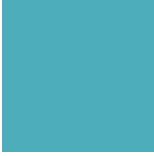
This preview shows how white text looks on a background with the Hex color 49AEAC.

Color Blindness Simulation

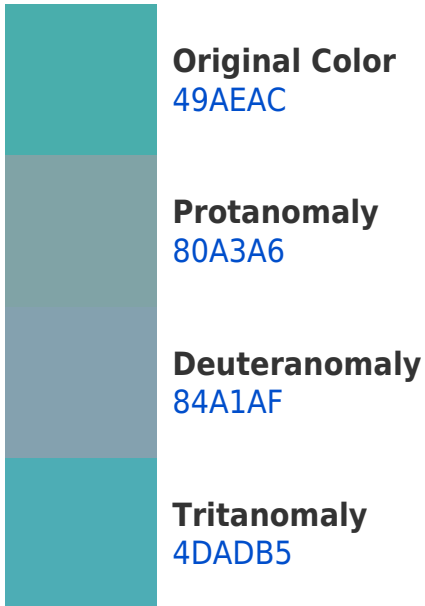
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

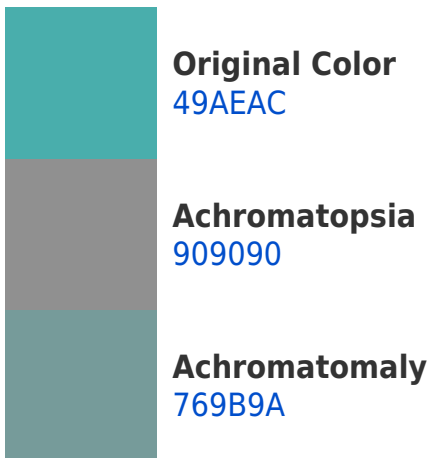




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #49AEAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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