

Converting Colors

Hex(49A995)

Have a look what the booklet for
Hex(49A995) contains.

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Color

Hex(49A995)

Conversions

Conversions Part 1

Format	Color
Hex	49A995
RGB	73, 169, 149
RGB Percent	29%, 66%, 58%
CMY	0.7137, 0.3373, 0.4157
CMYK	0.57, 0.00, 0.12, 0.34
HSL	168°, 40%, 47%
HSV	168°, 57%, 66%
XYZ	22.3604, 31.9623, 33.4246
YIQ	138.0160, -50.7960, -26.5720

Conversions

Conversions Part 2

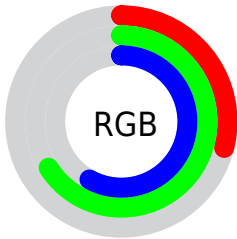
Format	Color
RYB	73, 127, 169
Decimal	4827541
CIELab	63.31, -33.20, 1.83
CIELCh	63, 33.249, 176.849
Yxy	31.9623, 0.2548, 0.3643
Android (android.graphics.Color)	4283017621 (0xFF49A995)
YUV	138.0160, 5.4151, -57.0190
Hunter-Lab	56.5352, -28.3375, 4.5214

Details

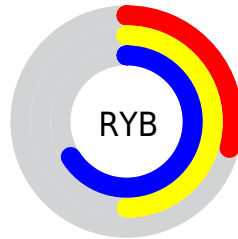
The Hex color **49A995** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A9495D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **82E1CB**, and **007462** is the 20% darker color. If you saturate the color by 10%, you get **38A991**, and if you desaturate by 10%, it is **5AA999**.

Distribution



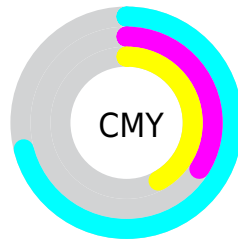
- Red (29%)
- Green (66%)
- Blue (58%)



- Red (29%)
- Yellow (50%)
- Blue (66%)



- Cyan (57%)
- Magenta (0%)
- Yellow (12%)
- Black (34%)



- Cyan (71%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49A995 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 49A995 by changing the saturation by 10% instead.



49A995



49A995

FFFFFF



2A8E7B



82E1CB



007462



9EFEE7



005B4B



BBFFFF



004334



D8FFFF



002C1F



F5FFFF



001407



000000



49A995



49A995



38A991



5AA999

■ 27A98E

■ 6BA99C

■ 16A98A

■ 7CA9A0

■ 05A987

■ 8DA9A3

■ 00A986

■ 9DA9A7

■ AEA9AA

■ BFA9AE

■ D0A9B1

■ E1A9B5

Harmonies

Analogous

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



6FA678



49A995



28A9B3

Triad

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



49A995



9893CE



C78C69

Complementary

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



49A995



A9495D

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.



D38480



49A995



BC89BA

Square

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



49A995



6A9DD4



D0839E



B0965E

Rectangle

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



49A995



2DA6C4



D0839E



CC896F

Sweetspot

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



49A995



B6DBD4



5EA949



586E69



EDEDED



6E6E6E

Same Dimension

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



49A995



46DBBC



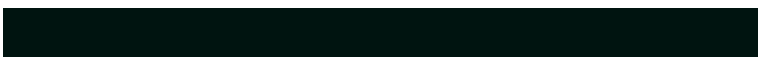
498EA9



4C5452



009475



001410

Inverse Universe

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



A9495D



DB4665



A96449



544C4D



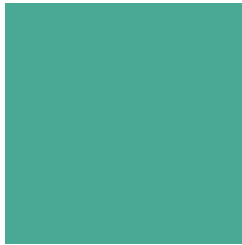
94001F



140004

Previews

White Background



This preview shows how the Hex color 49A995 looks on a white background.

Color Contrast Check

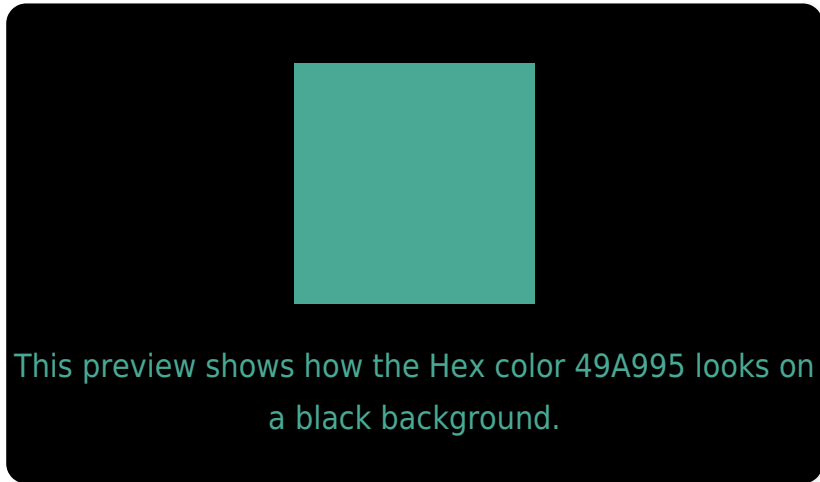
Large Text (above 18pt) WCAG AA × Fail

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

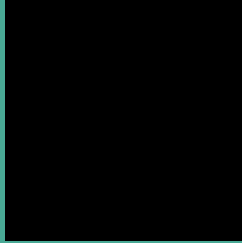
Any Text WCAG AA ✓ Pass

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 49A995 Background



This preview shows how black text looks on a background with the Hex color 49A995.

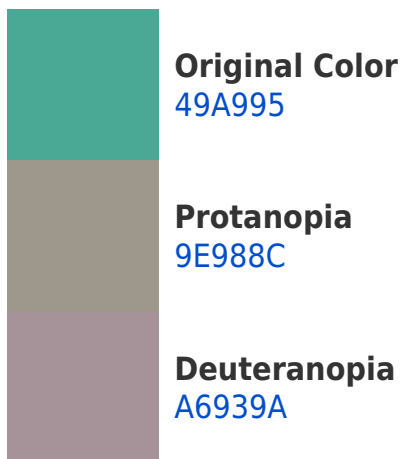


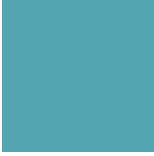
This preview shows how white text looks on a background with the Hex color 49A995.

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



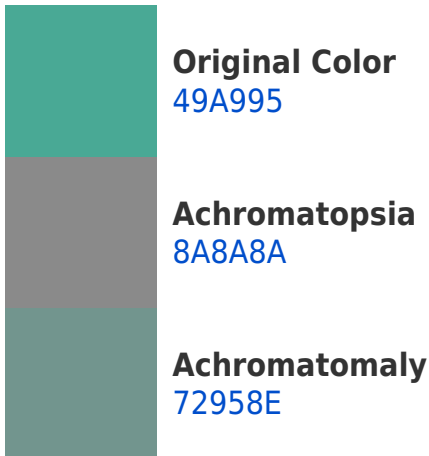


Tritanopia
53A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49A995 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 #49A995 looks like.

```
.text, #text, p{  
    color:#49A995  
}
```

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 #49A995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A995
}
```

Border

The CSS property to change the border of an element to Hex 49A995 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
#49A995 }
```

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

```
.border{ border-color:#49A995 }
```

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

Here you see how a box with a 4 pixel #49A995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A995; -webkit-box-shadow:4px 4px  
4px 4px #49A995; box-shadow:4px 4px 4px  
4px #49A995 }
```

Background

The CSS property to change the background color of an element to Hex 49A995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A995 }
```

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

```
.background{ background-color:#49A995 }
```

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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