

Converting Colors

Hex(49A49D)

Have a look what the booklet for
Hex(49A49D) contains.

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Color

Hex(49A49D)

Conversions

Conversions Part 1

Format	Color
Hex	49A49D
RGB	73, 164, 157
RGB Percent	29%, 64%, 62%
CMY	0.7137, 0.3569, 0.3843
CMYK	0.55, 0.00, 0.04, 0.36
HSL	175°, 38%, 46%
HSV	175°, 55%, 64%
XYZ	22.1089, 30.4017, 36.6011
YIQ	135.9930, -51.9890, -21.4690

Conversions

Conversions Part 2

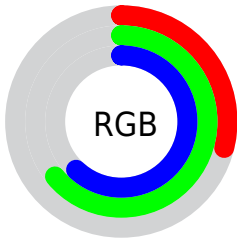
Format	Color
R _{YB}	73, 120, 164
Decimal	4826269
CIE _{Lab}	62.00, -28.70, -4.58
CIE _{LCh}	62, 29.066, 189.067
Y _{xy}	30.4017, 0.2481, 0.3412
Android (android.graphics.Color)	4283016349 (0xFF49A49D)
YUV	135.9930, 10.3565, -55.2449
Hunter-Lab	55.1377, -24.9168, -0.7610

Details

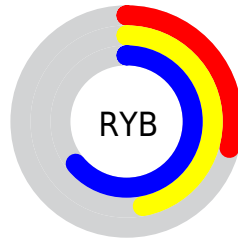
The Hex color **49A49D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A44950**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **82DBD3**, and **00706A** is the 20% darker color. If you saturate the color by 10%, you get **39A49C**, and if you desaturate by 10%, it is **59A49E**.

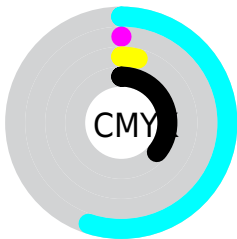
Distribution



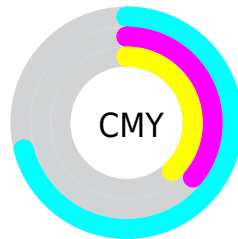
- Red (29%)
- Green (64%)
- Blue (62%)



- Red (29%)
- Yellow (47%)
- Blue (64%)



- Cyan (55%)
- Magenta (0%)
- Yellow (4%)
- Black (36%)



- Cyan (71%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49A49D 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 49A49D by changing the saturation by 10% instead.

 49A49D

 49A49D

FFFFFF

 2A8983

 82DBD3

 00706A

 9EF8F0

 005752

 BBFFFF

 003F3B

 D8FFFF

 002925

 F5FFFF

 000E11

 000000

 49A49D

 49A49D

 39A49C

 59A49E

■ 28A49A

■ 6AA4A0

■ 18A499

■ 7AA4A1

■ 07A498

■ 8BA4A2

■ 00A497

■ 9BA4A3

■ ABA4A5

■ BCA4A6

■ CCA4A7

■ DDA4A8

Harmonies

Analogous

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



65A283



49A49D



40A2B5

Triad

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



49A49D



A38CBE



B78E66

Complementary

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



49A49D



A44950

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.



C68677



49A49D



BD85A9

Square

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



49A49D



7F96C8



C9828F



A09763

Rectangle

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



49A49D



4D9FC1



C9828F



BD8B6A

Sweetspot

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



49A49D



B2D6D3



51A449



566B69



EBEBEB



6B6B6B

Same Dimension

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



49A49D



47D6CB



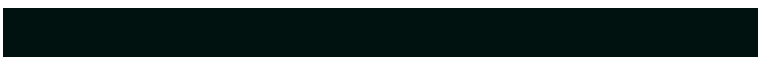
497EA4



495251



009186



001210

Inverse Universe

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



A44950



D64752



A46F49



52494A



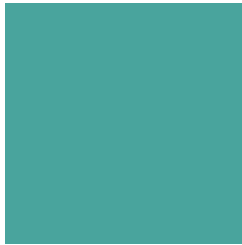
91000B



120001

Previews

White Background



This preview shows how the Hex color 49A49D looks on a white background.

Color Contrast Check

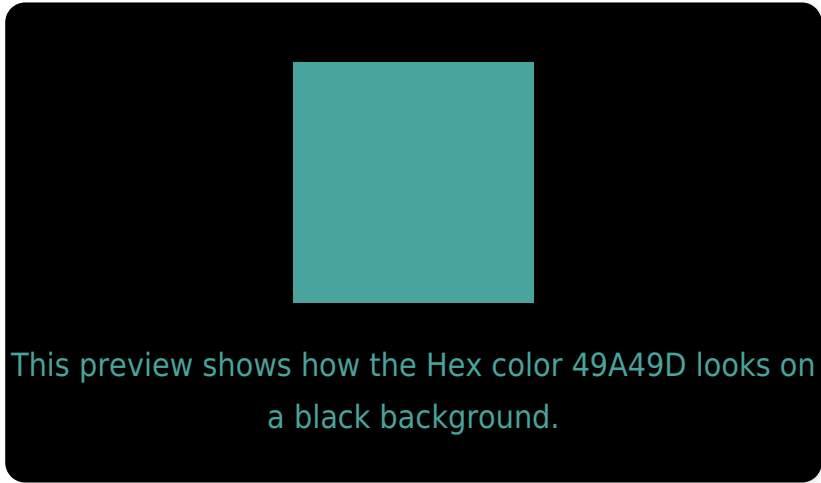
Large Text (above 18pt) WCAG AA × Fail

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

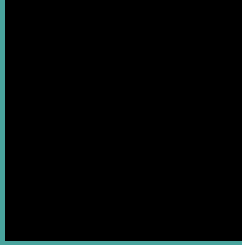
Any Text WCAG AA ✓ Pass

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 49A49D Background



This preview shows how black text looks on a background with the Hex color 49A49D.

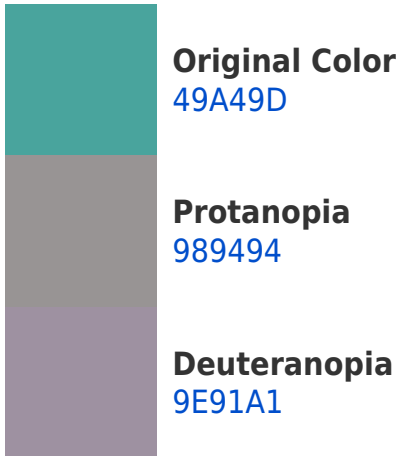


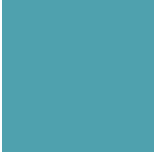
This preview shows how white text looks on a background with the Hex color 49A49D.

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](#).

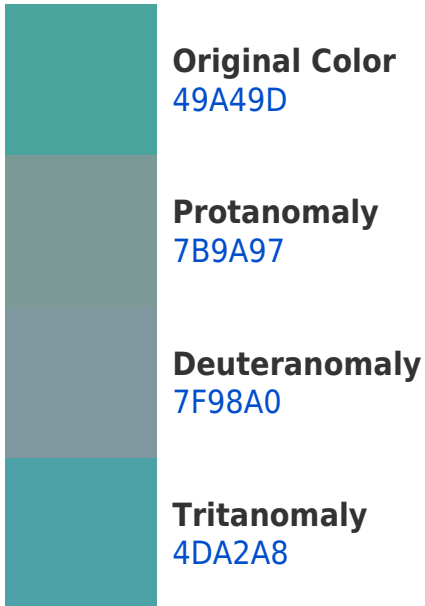
Dichromacy



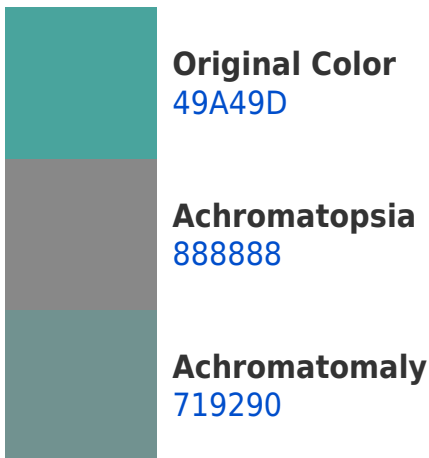


Tritanopia
4FA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49A49D 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 #49A49D looks like.

```
.text, #text, p{  
    color:#49A49D  
}
```

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 #49A49D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A49D
}
```

Border

The CSS property to change the border of an element to Hex 49A49D 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
#49A49D }
```

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

```
.border{ border-color:#49A49D }
```

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

Here you see how a box with a 4 pixel #49A49D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A49D; -webkit-box-shadow:4px 4px  
4px 4px #49A49D; box-shadow:4px 4px 4px  
4px #49A49D }
```

Background

The CSS property to change the background color of an element to Hex 49A49D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A49D }
```

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

```
.background{ background-color:#49A49D }
```

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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