

Converting Colors

Hex(55A99D)

Have a look what the booklet for
Hex(55A99D) contains.

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Color

Hex(55A99D)

Conversions

Conversions Part 1

Format	Color
Hex	55A99D
RGB	85, 169, 157
RGB Percent	33%, 66%, 62%
CMY	0.6667, 0.3373, 0.3843
CMYK	0.50, 0.00, 0.07, 0.34
HSL	171°, 33%, 50%
HSV	171°, 50%, 66%
XYZ	24.0201, 32.7416, 36.9520
YIQ	142.5160, -46.2120, -21.5400

Conversions

Conversions Part 2

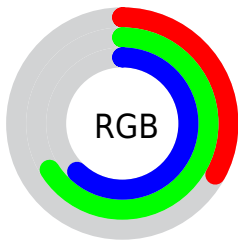
Format	Color
RYB	85, 130, 169
Decimal	5613981
CIELab	63.95, -28.50, -1.66
CIElCh	64, 28.547, 183.330
Yxy	32.7416, 0.2563, 0.3494
Android (android.graphics.Color)	4283804061 (0xFF55A99D)
YUV	142.5160, 7.1406, -50.4415
Hunter-Lab	57.2202, -25.2041, 1.7655

Details

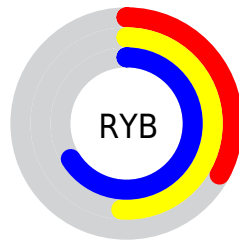
The Hex color **55A99D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A95561**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **8CE1D3**, and **17746A** is the 20% darker color. If you saturate the color by 10%, you get **44A99B**, and if you desaturate by 10%, it is **66A99F**.

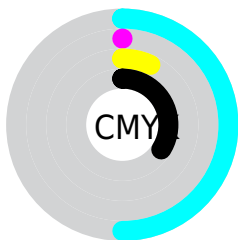
Distribution



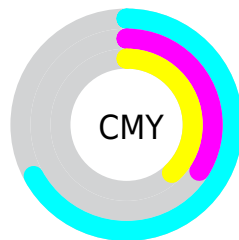
- Red (33%)
- Green (66%)
- Blue (62%)



- Red (33%)
- Yellow (51%)
- Blue (66%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (34%)



- Cyan (67%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55A99D 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 55A99D by changing the saturation by 10% instead.

■ 55A99D

■ 55A99D

FFFFFF

■ 398E83

■ 8CE1D3

■ 17746A

■ A8FDF0

■ 005B52

■ C5FFFF

■ 00433B

■ E2FFFF

■ 002C25

■ 001710

■ 000000

■ 55A99D

■ 55A99D

■ 44A99B

■ 66A99F

■ 33A998

■ 77A9A2

■ 22A996

■ 88A9A4

■ 11A993

■ 99A9A7

■ 01A991

■ A9A9A9

■ 00A991

■ BAA9AB

■ CBA9AE

■ DCA9B0

■ EDA9B3

Harmonies

Analogous

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



71A783



55A99D



48A8B6

Triad

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



55A99D



A293C5



C0926E

Complementary

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



55A99D



A95561

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.



CC8A80



55A99D



BE8BB2

Square

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



55A99D



7E9CCD



CC8899



AA9A68

Rectangle

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



55A99D



50A5C3



CC8899



C58F73

Sweetspot

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



55A99D



BADBD7



62A955



5A6E6B



EDEDED



6E6E6E

Same Dimension

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



55A99D



58DBC9



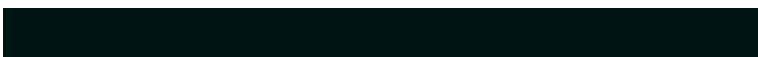
558CA9



4C5453



00947F



001411

Inverse Universe

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



A95561



DB586B



A97255



544C4D



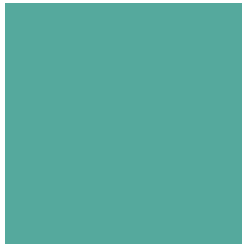
940015



140003

Previews

White Background



This preview shows how the Hex color 55A99D looks on a white background.

Color Contrast Check

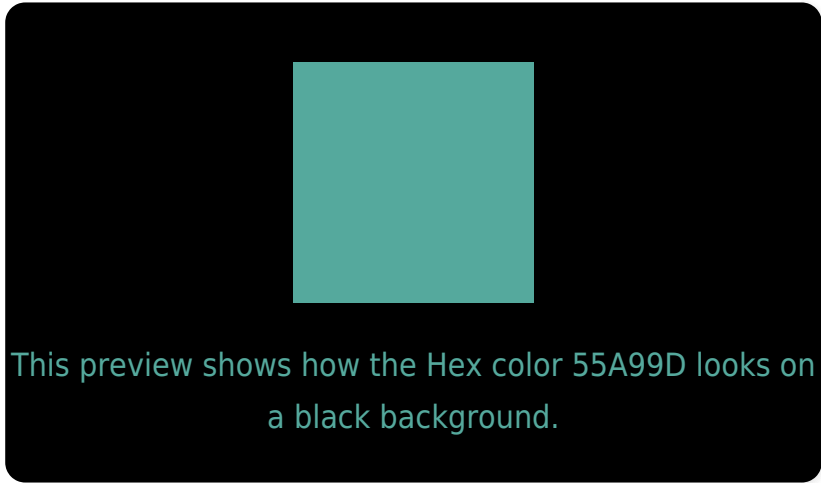
Large Text (above 18pt) WCAG AA × Fail

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 55A99D Background



This preview shows how black text looks on a background with the Hex color 55A99D.

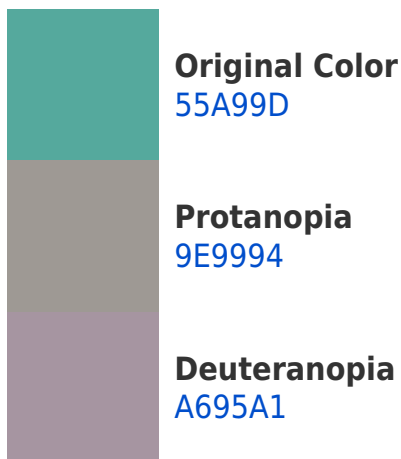


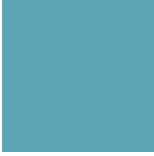
This preview shows how white text looks on a background with the Hex color 55A99D.

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](#).

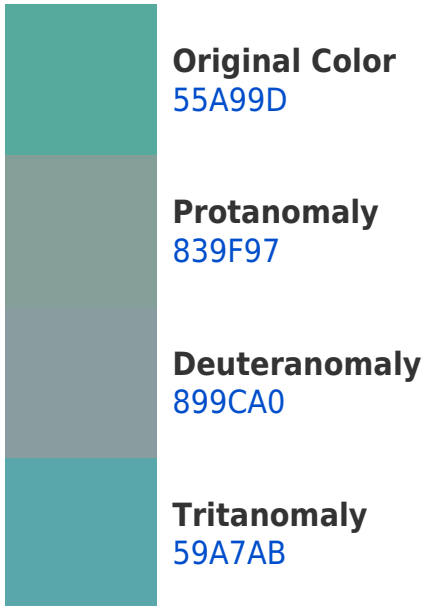
Dichromacy



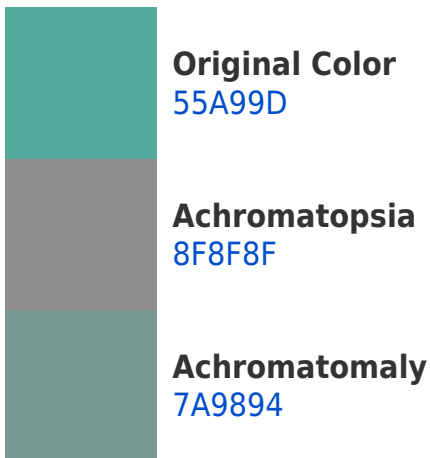


Tritanopia
5CA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55A99D 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 #55A99D looks like.

```
.text, #text, p{  
    color:#55A99D  
}
```

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 #55A99D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55A99D
}
```

Border

The CSS property to change the border of an element to Hex 55A99D 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
#55A99D }
```

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

```
.border{ border-color:#55A99D }
```

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

Here you see how a box with a 4 pixel #55A99D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55A99D; -webkit-box-shadow:4px 4px  
4px 4px #55A99D; box-shadow:4px 4px 4px  
4px #55A99D }
```

Background

The CSS property to change the background color of an element to Hex 55A99D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55A99D }
```

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

```
.background{ background-color:#55A99D }
```

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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