

Converting Colors

Hex(63AE9E)

Have a look what the booklet for
Hex(63AE9E) contains.

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Color

Hex(63AE9E)

Conversions

Conversions Part 1

Format	Color
Hex	63AE9E
RGB	99, 174, 158
RGB Percent	39%, 68%, 62%
CMY	0.6118, 0.3176, 0.3804
CMYK	0.43, 0.00, 0.09, 0.32
HSL	167°, 32%, 54%
HSV	167°, 43%, 68%
XYZ	26.4532, 35.3934, 37.7851
YIQ	149.7510, -39.5640, -20.8760

Conversions

Conversions Part 2

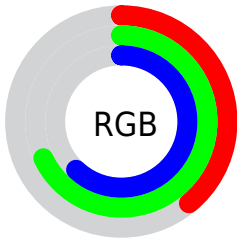
Format	Color
R_{YB}	99, 141, 174
Decimal	6532766
CIE _{Lab}	66.05, -27.23, 0.93
CIE _{LCh}	66, 27.246, 178.051
Yxy	35.3934, 0.2655, 0.3552
Android (android.graphics.Color)	4284722846 (0xFF63AE9E)
YUV	149.7510, 4.0668, -44.5086
Hunter-Lab	59.4923, -24.7418, 3.9880

Details

The Hex color **63AE9E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AE6373**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9AE6D5**, and **2C796B** is the 20% darker color. If you saturate the color by 10%, you get **52AE9A**, and if you desaturate by 10%, it is **74AEA2**.

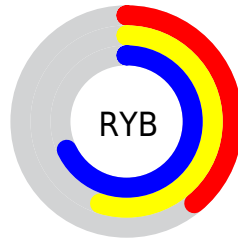
Distribution



Red (39%)

Green (68%)

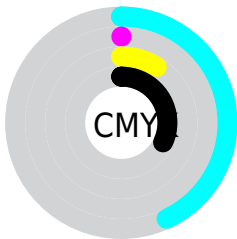
Blue (62%)



Red (39%)

Yellow (55%)

Blue (68%)

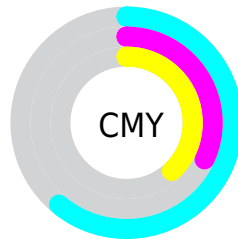


Cyan (43%)

Magenta (0%)

Yellow (9%)

Black (32%)



Cyan (61%)

Magenta (32%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63AE9E 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 63AE9E by changing the saturation by 10% instead.



63AE9E



63AE9E

FFFFFF



489384



9AE6D5



2C796B



B5FFF1



086053



D2FFFF



00483C



EFFFFF



003126



001E11



000000



63AE9E



63AE9E



52AE9A



74AEA2

 40AE97

 86AEA5

 2FAE93

 97AEA9

 1DAE8F

 A9AEAD

 0CAE8B

 BAAEB1

 00AE89

 CBAEB4

 DDAEB8

 EEAEB C

 FFAEBF

Harmonies

Analogous

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



7DAB86



63AE9E



54AEB7

Triad

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



63AE9E



A29BCC



C79678

Complementary

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



63AE9E



AE6373

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.



D1908B



63AE9E



BE93BB

Square

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



63AE9E



7FA3D1



CF8FA3



B39E70

Rectangle

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



63AE9E



59ABC4



CF8FA3



CC947D

Sweetspot

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



63AE9E



C5E3DD



73AE63



60736F



F2F2F2



737373

Same Dimension

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



63AE9E



6DE3CA



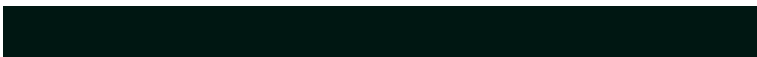
6399AE



4E5755



009676



001712

Inverse Universe

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



AE6373



E36D86



AE7863



574E50



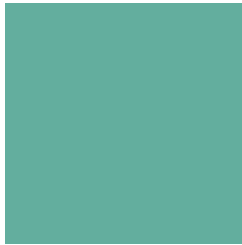
960020



170005

Previews

White Background



This preview shows how the Hex color 63AE9E looks on a white background.

Color Contrast Check

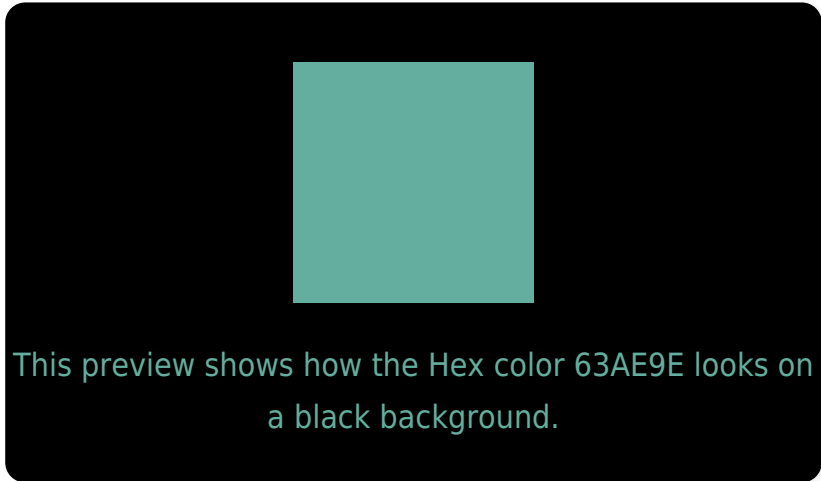
Large Text (above 18pt) WCAG AA × Fail

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

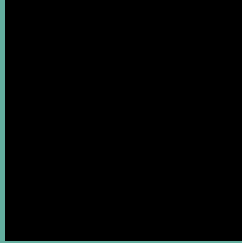
Any Text WCAG AA ✓ Pass

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 63AE9E Background



This preview shows how black text looks on a background with the Hex color 63AE9E.

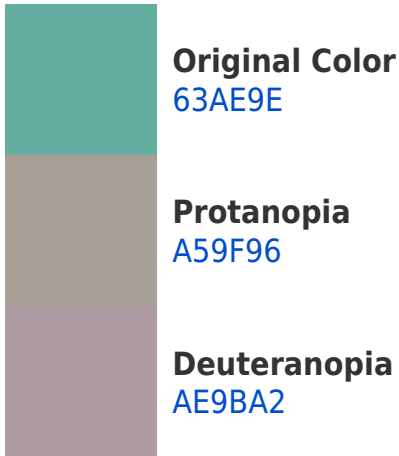


This preview shows how white text looks on a background with the Hex color 63AE9E.

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
6AAAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63AE9E 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 #63AE9E looks like.

```
.text, #text, p{  
    color:#63AE9E  
}
```

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 #63AE9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63AE9E
}
```

Border

The CSS property to change the border of an element to Hex 63AE9E 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
#63AE9E }
```

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

```
.border{ border-color:#63AE9E }
```

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

Here you see how a box with a 4 pixel #63AE9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63AE9E; -webkit-box-shadow:4px 4px  
4px 4px #63AE9E; box-shadow:4px 4px 4px  
4px #63AE9E }
```

Background

The CSS property to change the background color of an element to Hex 63AE9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63AE9E }
```

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

```
.background{ background-color:#63AE9E }
```

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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