

# Converting Colors

Hex(63AD98)

Have a look what the booklet for  
Hex(63AD98) contains.

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**Color**

**Hex(63AD98)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63AD98
RGB	99, 173, 152
RGB Percent	39%, 68%, 60%
CMY	0.6118, 0.3216, 0.4039
CMYK	0.43, 0.00, 0.12, 0.32
HSL	163°, 31%, 53%
HSV	163°, 43%, 68%
XYZ	25.7567, 34.8068, 35.0666
YIQ	148.4800, -37.3630, -22.2190

# Conversions

## Conversions Part 2

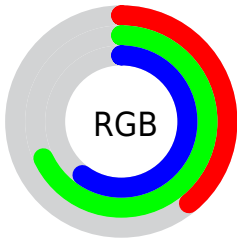
Format	Color
<a href="#">RYB</a>	<a href="#">99, 142, 173</a>
Decimal	<a href="#">6532504</a>
CIELab	<a href="#">65.60, -28.16, 3.60</a>
CIELCh	<a href="#">66, 28.385, 172.723</a>
Yxy	<a href="#">34.8068, 0.2693, 0.3640</a>
Android (android.graphics.Color)	<a href="#">4284722584 (0xFF63AD98)</a>
YUV	<a href="#">148.4800, 1.7354, -43.3940</a>
Hunter-Lab	<a href="#">58.9973, -25.3168, 6.0575</a>

# Details

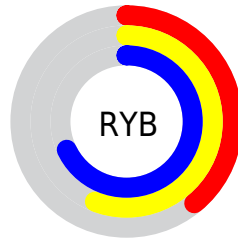
The Hex color **63AD98** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD6378**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **99E5CE**, and **2D7865** is the 20% darker color. If you saturate the color by 10%, you get **52AD93**, and if you desaturate by 10%, it is **74AD9D**.

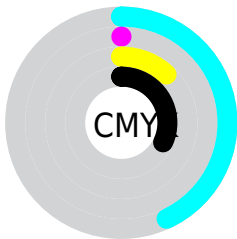
# Distribution



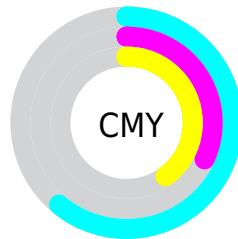
- Red (39%)
- Green (68%)
- Blue (60%)



- Red (39%)
- Yellow (56%)
- Blue (68%)



- Cyan (43%)
- Magenta (0%)
- Yellow (12%)
- Black (32%)



- Cyan (61%)
- Magenta (32%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63AD98 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 63AD98 by changing the saturation by 10% instead.



 63AD98

 63AD98

FFFFFF

 48927E

 99E5CE

 2D7865

 B5FFEA

 0A5F4D

 D2FFFF

 004736

 EFFFFFFF

 003021

 001C0B

 000000

 63AD98

 63AD98

 52AD93

 74AD9D

 40AD8E

 86ADA2

 2FAD89

 97ADA7

 1EAD84

 A8ADAC

 0DAD7F

 BAADB1

 00AD7C

 CBADB5

 DCADBA

 EDADBF

 FFADC4

# Harmonies

## Analogous

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



80AA80



63AD98



4FADB2

# Triad

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



63AD98



9A9BCE



CA9378

# Complementary

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



63AD98



AD6378

# 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.



D28D8D



63AD98



BA92BE

# Square

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



63AD98



75A4D1



CD8DA7



B79C6D

# Rectangle

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



63AD98



50ABC1



CD8DA7



CE917E



# Sweetspot

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



63AD98



C3E0D8



79AD63



5E706B



F0F0F0



707070



# Same Dimension

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



63AD98



6EE0C0



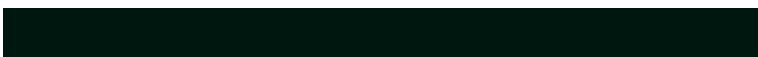
639EAD



4E5754



00966C



001710



# Inverse Universe

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



AD6378



E06E8E



AD7263



574E50



96002B

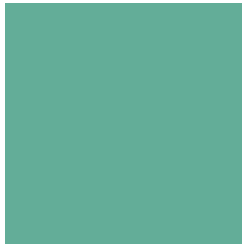


170007



# Previews

## White Background



This preview shows how the Hex color 63AD98 looks on a white background.

## Color Contrast Check

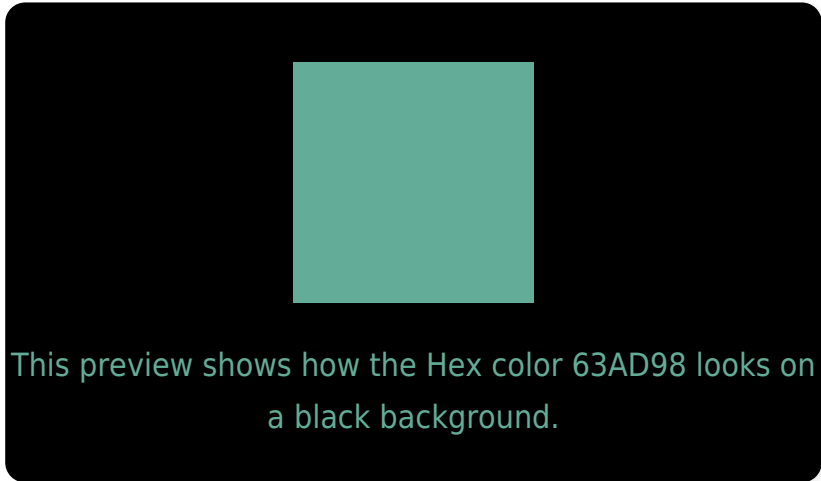
Large Text (above 18pt) WCAG AA × Fail

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

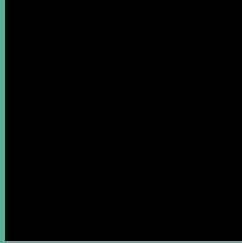
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 63AD98 Background



This preview shows how black text looks on a background with the Hex color 63AD98.

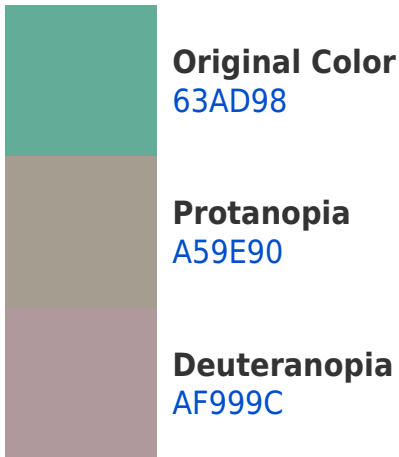


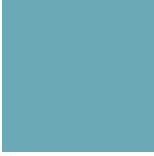
This preview shows how white text looks on a background with the Hex color 63AD98.

# 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](#).

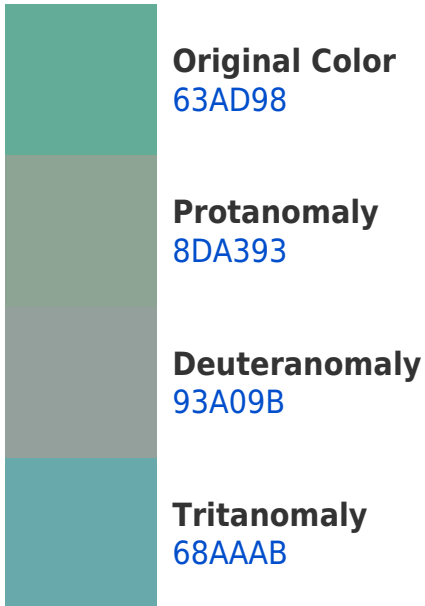
## Dichromacy





**Tritanopia**  
6BA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63AD98 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 #63AD98 looks like.

```
.text, #text, p{  
    color:#63AD98  
}
```

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 #63AD98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63AD98
}
```

## Border

The CSS property to change the border of an element to Hex 63AD98 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
#63AD98 }
```

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

```
.border{ border-color:#63AD98 }
```

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

Here you see how a box with a 4 pixel #63AD98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63AD98; -webkit-box-shadow:4px 4px  
4px 4px #63AD98; box-shadow:4px 4px 4px  
4px #63AD98 }
```

# Background

The CSS property to change the background color of an element to Hex 63AD98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63AD98 }
```

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

```
.background{ background-color:#63AD98 }
```

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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