

# Converting Colors

Hex(63A98C)

Have a look what the booklet for  
Hex(63A98C) contains.

<b>Hex(63A98C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(63A98C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63A98C
RGB	99, 169, 140
RGB Percent	39%, 66%, 55%
CMY	0.6118, 0.3373, 0.4510
CMYK	0.41, 0.00, 0.17, 0.34
HSL	155°, 29%, 53%
HSV	155°, 41%, 66%
XYZ	24.0672, 32.9220, 29.8971
YIQ	144.7640, -32.4110, -23.8590

# Conversions

## Conversions Part 2

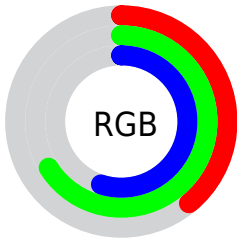
Format	Color
<a href="#">RYB</a>	<a href="#">99, 143, 169</a>
Decimal	<a href="#">6531468</a>
CIELab	<a href="#">64.10, -28.92, 8.11</a>
CIElCh	<a href="#">64, 30.039, 164.343</a>
Yxy	<a href="#">32.9220, 0.2770, 0.3789</a>
Android (android.graphics.Color)	<a href="#">4284721548 (0xFF63A98C)</a>
YUV	<a href="#">144.7640, -2.3487, -40.1350</a>
Hunter-Lab	<a href="#">57.3777, -25.5389, 9.2709</a>

# Details

The Hex color **63A98C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A96380**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **99E1C2**, and **2E745A** is the 20% darker color. If you saturate the color by 10%, you get **52A985**, and if you desaturate by 10%, it is **74A993**.

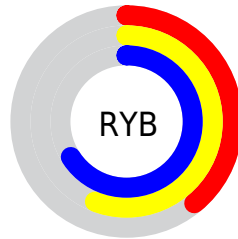
# Distribution



Red (39%)

Green (66%)

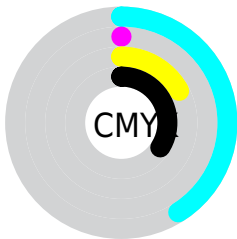
Blue (55%)



Red (39%)

Yellow (56%)

Blue (66%)

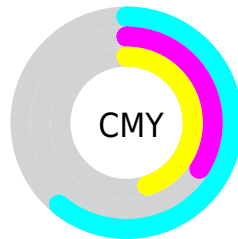


Cyan (41%)

Magenta (0%)

Yellow (17%)

Black (34%)



Cyan (61%)

Magenta (34%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63A98C 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 63A98C by changing the saturation by 10% instead.



 63A98C

 63A98C

FFFFFF

 498E72

 99E1C2

 2E745A

 B4FDDD

 0F5B43

 D1FFFA

 00432C

 EEEFFF

 002C18

 001700

 000000

 63A98C

 63A98C

 52A985

 74A993

 41A97E

 85A99A

 30A977

 96A9A1

 1FA970

 A7A9A8

 0EA969

 B7A9AF

 00A963

 C8A9B6

 D9A9BD

 EAA9C4

 FBA9CB

# Harmonies

## Analogous

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



83A574



63A98C



47AAA8

# Triad

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



63A98C



8B99CF



CB8C77

# Complementary

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



63A98C



A96380

# 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.



D1878F



63A98C



AF90C2

# Square

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



63A98C



62A2CE



C789AB



BA9568

# Rectangle

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



63A98C



40A9B9



C789AB



CF8A7E



# Sweetspot

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



63A98C



C1DBD0



80A963



5E6E67



EDEDED



6E6E6E



# Same Dimension

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



63A98C



6EDBAE



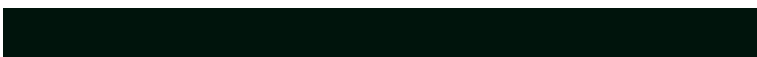
63A3A9



4C5451



009457



00140C



# Inverse Universe

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



A96380



DB6E9B



A96963



544C4F



94003D

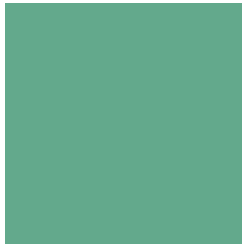


140008



# Previews

## White Background



This preview shows how the Hex color 63A98C looks on a white background.

## Color Contrast Check

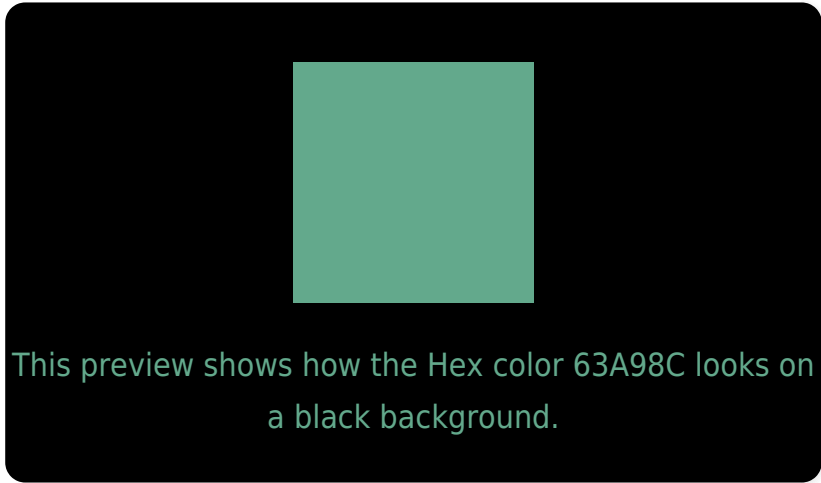
Large Text (above 18pt) WCAG AA × Fail

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

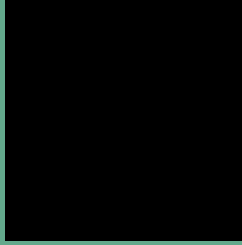
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 63A98C Background



This preview shows how black text looks on a background with the Hex color 63A98C.

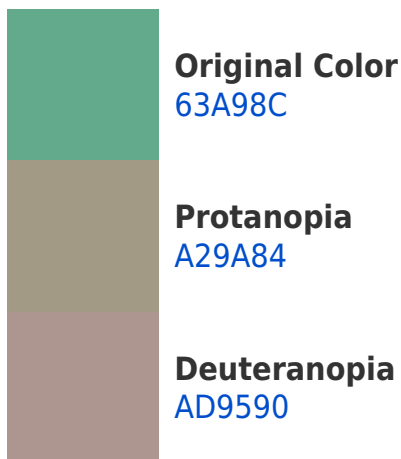


This preview shows how white text looks on a background with the Hex color 63A98C.

# 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**  
6CA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63A98C 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 #63A98C looks like.

```
.text, #text, p{  
    color:#63A98C  
}
```

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 #63A98C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A98C
}
```

## Border

The CSS property to change the border of an element to Hex 63A98C 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
#63A98C }
```

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

```
.border{ border-color:#63A98C }
```

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

Here you see how a box with a 4 pixel #63A98C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A98C; -webkit-box-shadow:4px 4px  
4px 4px #63A98C; box-shadow:4px 4px 4px  
4px #63A98C }
```

# Background

The CSS property to change the background color of an element to Hex 63A98C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A98C }
```

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

```
.background{ background-color:#63A98C }
```

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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