

Converting Colors

Hex(63B980)

Have a look what the booklet for
Hex(63B980) contains.

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Color

Hex(63B980)

Conversions

Conversions Part 1

Format	Color
Hex	63B980
RGB	99, 185, 128
RGB Percent	39%, 73%, 50%
CMY	0.6118, 0.2745, 0.4980
CMYK	0.46, 0.00, 0.31, 0.27
HSL	140°, 38%, 56%
HSV	140°, 46%, 73%
XYZ	26.3908, 38.9091, 26.5413
YIQ	152.7880, -32.9590, -35.9590

Conversions

Conversions Part 2

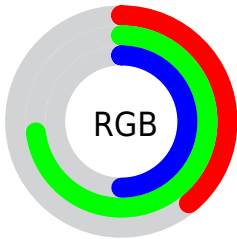
Format	Color
RYB	99, 163, 185
Decimal	6535552
CIELab	68.69, -38.83, 21.07
CIElCh	69, 44.180, 151.510
Yxy	38.9091, 0.2874, 0.4237
Android (android.graphics.Color)	4284725632 (0xFF63B980)
YUV	152.7880, -12.2205, -47.1721
Hunter-Lab	62.3771, -33.6393, 18.4362

Details

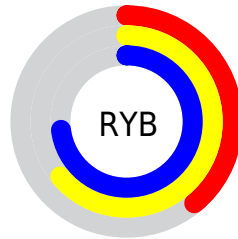
The Hex color **63B980** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B9639C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9AF2B5**, and **2B834E** is the 20% darker color. If you saturate the color by 10%, you get **51B974**, and if you desaturate by 10%, it is **76B98C**.

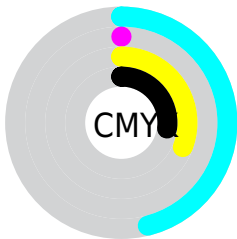
Distribution



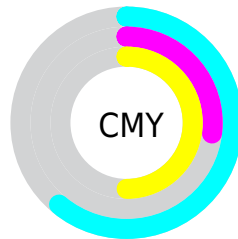
- Red (39%)
- Green (73%)
- Blue (50%)



- Red (39%)
- Yellow (64%)
- Blue (73%)



- Cyan (46%)
- Magenta (0%)
- Yellow (31%)
- Black (27%)



- Cyan (61%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B980 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 63B980 by changing the saturation by 10% instead.

 63B980

 63B980

FFFFFF

 489E67

 9AF2B5

 2B834E

 B6FFD1

 016937

 D3FFED

 005121

 F0FFFF

 00390B

 002500

 000000


 63B980

 63B980

 51B974

 76B98C

 3EB967

 88B999

 2CB95B

 9BB9A5

 19B94F

 ADB9B1

 06B943

 C0B9BD

 00B93E

 D2B9CA

 E5B9D6

 F7B9E2

 FFB9EE

Harmonies

Analogous

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



95B261



63B980



00BCA8

Triad

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



63B980



6AABF7



F28B80

Complementary

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



63B980



B9639C

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.



F287A7



63B980



AE9CEC

Square

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



63B980



00B6ED



DB8ECE



DF9862

Rectangle

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



63B980



00BCC4



DB8ECE



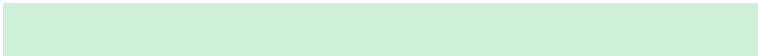
F4898C

Sweetspot

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



63B980



CEF0D9



9CB963



63786A



F7F7F7



787878

Same Dimension

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



63B980



69F097



63B9AB



535C56



009C34



001C09

Inverse Universe

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



B9639C



F069C2



B96371



5C5359



9C0067



1C0013

Previews

White Background



This preview shows how the Hex color 63B980 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



This preview shows how the Hex color 63B980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

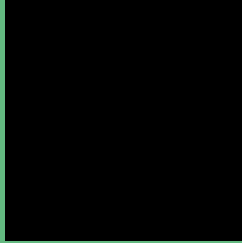
Any Text WCAG AA ✓ Pass

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 63B980 Background



This preview shows how black text looks on a background with the Hex color 63B980.

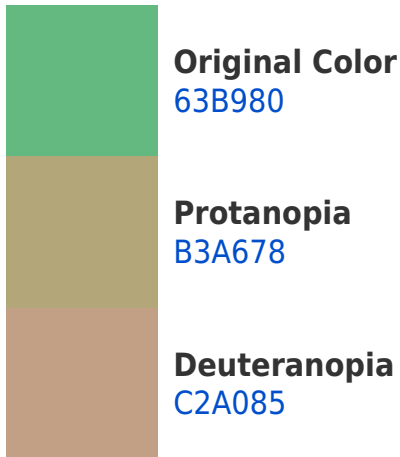


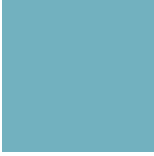
This preview shows how white text looks on a background with the Hex color 63B980.

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
72B1BF

Trichromacy



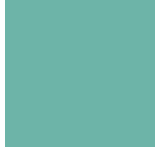
Original Color
63B980



Protanomaly
96AD7B



Deuteranomaly
9FA983



Tritanomaly
6DB4A8

Monochromacy



Original Color
63B980



Achromatopsia
999999



Achromatomaly
85A590

CSS Examples

Text

The CSS property to change the color of the text to Hex 63B980 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 #63B980 looks like.

```
.text, #text, p{  
    color:#63B980  
}
```

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 #63B980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B980
}
```

Border

The CSS property to change the border of an element to Hex 63B980 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
#63B980 }
```

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

```
.border{ border-color:#63B980 }
```

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

Here you see how a box with a 4 pixel #63B980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B980; -webkit-box-shadow:4px 4px  
4px 4px #63B980; box-shadow:4px 4px 4px  
4px #63B980 }
```

Background

The CSS property to change the background color of an element to Hex 63B980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B980 }
```

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

```
.background{ background-color:#63B980 }
```

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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