

Converting Colors

Hex(63B984)

Have a look what the booklet for
Hex(63B984) contains.

Hex(63B984)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(63B984)

Conversions

Conversions Part 1

Format	Color
Hex	63B984
RGB	99, 185, 132
RGB Percent	39%, 73%, 52%
CMY	0.6118, 0.2745, 0.4824
CMYK	0.46, 0.00, 0.29, 0.27
HSL	143°, 38%, 56%
HSV	143°, 46%, 73%
XYZ	26.6594, 39.0165, 27.9556
YIQ	153.2440, -34.2430, -34.7150

Conversions

Conversions Part 2

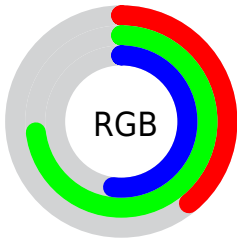
Format	Color
RYB	99, 161, 185
Decimal	6535556
CIELab	68.76, -38.06, 19.03
CIELCh	69, 42.554, 153.439
Yxy	39.0165, 0.2847, 0.4167
Android (android.graphics.Color)	4284725636 (0xFF63B984)
YUV	153.2440, -10.4733, -47.5720
Hunter-Lab	62.4632, -33.1265, 17.1888

Details

The Hex color **63B984** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B96398**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9AF2B9**, and **2B8352** is the 20% darker color. If you saturate the color by 10%, you get **51B979**, and if you desaturate by 10%, it is **76B98F**.

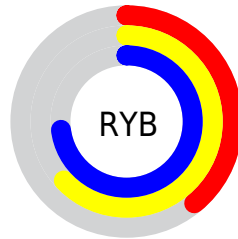
Distribution



Red (39%)

Green (73%)

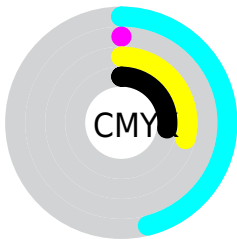
Blue (52%)



Red (39%)

Yellow (63%)

Blue (73%)

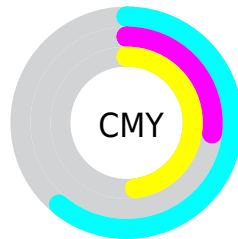


Cyan (46%)

Magenta (0%)

Yellow (29%)

Black (27%)



Cyan (61%)

Magenta (27%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B984 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 63B984 by changing the saturation by 10% instead.

 63B984

 63B984


FFFFFF

 489E6B

 9AF2B9

 2B8352

 B6FFD5

 01693B

 D3FFF1

 005125

 F0FFFF


 00390F

 002500

 000000

 63B984

 63B984

 51B979

 76B98F

 3EB96D

 88B99B

 2CB962

 9BB9A6

 19B956

 ADB9B2

 06B94B

 C0B9BD

 00B947

 D2B9C8

 E5B9D4

 F7B9DF

 FFB9EB

Harmonies

Analogous

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



93B266



63B984



13BCAB

Triad

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



63B984



73AAF4



EF8D7F

Complementary

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



63B984



B96398

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.



F089A5



63B984



B19CE8

Square

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



63B984



00B5EC



DC8FCB



DC9963

Rectangle

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



63B984



00BCC5



DC8FCB



F18B8B

Sweetspot

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



63B984



CEF0DB



98B963



63786B



F7F7F7



787878

Same Dimension

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



63B984



69F09D



63B9AF



535C56



009C3C



001C0B

Inverse Universe

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



B96398



F069BC



B9636D



5C5358



9C0060



1C0011

Previews

White Background



This preview shows how the Hex color 63B984 looks on a white background.

Color Contrast Check

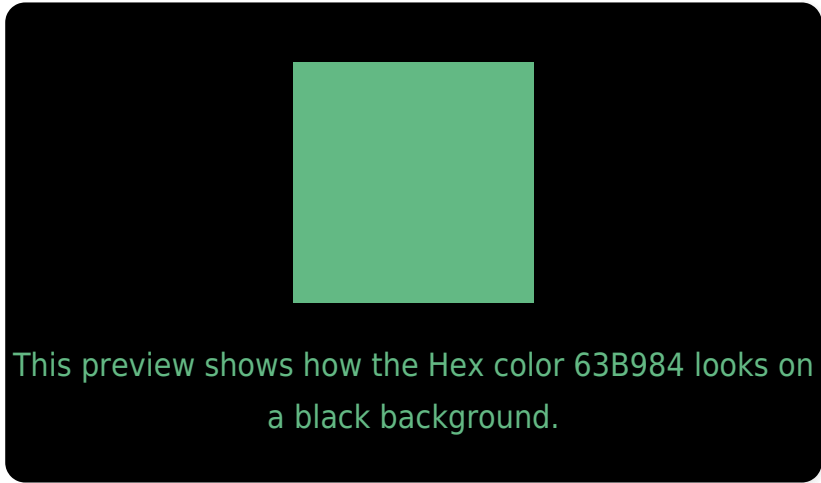
Large Text (above 18pt) WCAG AA × Fail

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

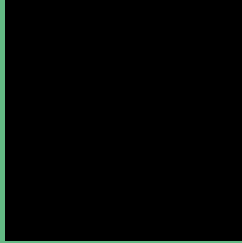
Any Text WCAG AA ✓ Pass

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 63B984 Background



This preview shows how black text looks on a background with the Hex color 63B984.



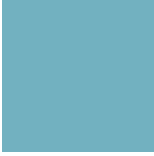
This preview shows how white text looks on a background with the Hex color 63B984.

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](#).

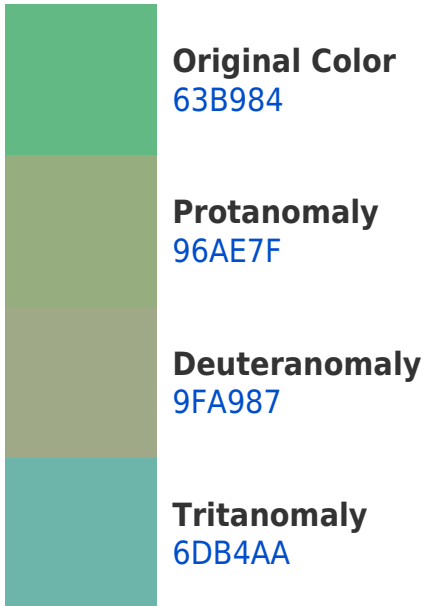
Dichromacy





Tritanopia
72B1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63B984 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 #63B984 looks like.

```
.text, #text, p{  
    color:#63B984  
}
```

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 #63B984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B984
}
```

Border

The CSS property to change the border of an element to Hex 63B984 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
#63B984 }
```

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

```
.border{ border-color:#63B984 }
```

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

Here you see how a box with a 4 pixel #63B984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B984; -webkit-box-shadow:4px 4px  
4px 4px #63B984; box-shadow:4px 4px 4px  
4px #63B984 }
```

Background

The CSS property to change the background color of an element to Hex 63B984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B984 }
```

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

```
.background{ background-color:#63B984 }
```

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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