

Converting Colors

Hex(63B97E)

Have a look what the booklet for
Hex(63B97E) contains.

Hex(63B97E)	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(63B97E)

Conversions

Conversions Part 1

Format	Color
Hex	63B97E
RGB	99, 185, 126
RGB Percent	39%, 73%, 49%
CMY	0.6118, 0.2745, 0.5059
CMYK	0.46, 0.00, 0.32, 0.27
HSL	139°, 38%, 56%
HSV	139°, 46%, 73%
XYZ	26.2604, 38.8569, 25.8547
YIQ	152.5600, -32.3170, -36.5810

Conversions

Conversions Part 2

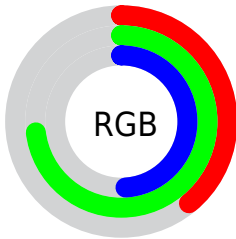
Format	Color
RYB	99, 164, 185
Decimal	6535550
CIELab	68.65, -39.20, 22.10
CIELCh	69, 45.003, 150.595
Yxy	38.8569, 0.2887, 0.4271
Android (android.graphics.Color)	4284725630 (0xFF63B97E)
YUV	152.5600, -13.0941, -46.9721
Hunter-Lab	62.3353, -33.8889, 19.0431

Details

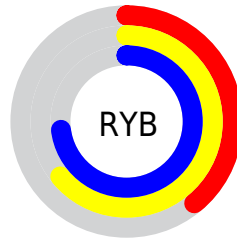
The Hex color **63B97E** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B9639E**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9AF2B3**, and **2B834C** is the 20% darker color. If you saturate the color by 10%, you get **51B971**, and if you desaturate by 10%, it is **76B98B**.

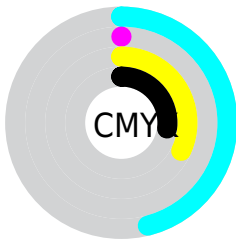
Distribution



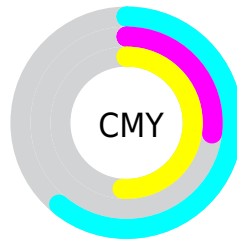
- Red (39%)
- Green (73%)
- Blue (49%)



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



- Cyan (46%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)



- Cyan (61%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B97E 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 63B97E by changing the saturation by 10% instead.

 63B97E

 63B97E


FFFFFF

 489E65

 9AF2B3

 2B834C

 B6FFCF

 016935

 D3FFEB

 00511F

 F0FFFF


 003908

 002400

 000000


 63B97E

 63B97E

 51B971

 76B98B

 3EB965

 88B997

 2CB958

 9BB9A4

 19B94B

 ADB9B1

 06B93F

 C0B9BD

 00B93A

 D2B9CA

 E5B9D7

 F7B9E4

 FFB9F0

Harmonies

Analogous

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



96B15F



63B97E



00BCA7

Triad

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



63B97E



66ABF8



F38A80

Complementary

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



63B97E



B9639E

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.



F286A8



63B97E



AC9DEE

Square

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



63B97E



00B6ED



DB8ED0



E09761

Rectangle

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



63B97E



00BCC3



DB8ED0



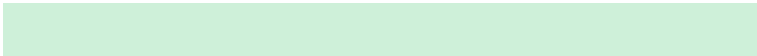
F5888D

Sweetspot

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



63B97E



CEF0D9



9FB963



63786A



F7F7F7



787878

Same Dimension

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



63B97E



69F094



63B9A8



535C56



009C31



001C09

Inverse Universe

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



B9639E



F069C6



B96374



5C5359



9C006B



1C0013

Previews

White Background



This preview shows how the Hex color 63B97E looks on a white background.

Color Contrast Check

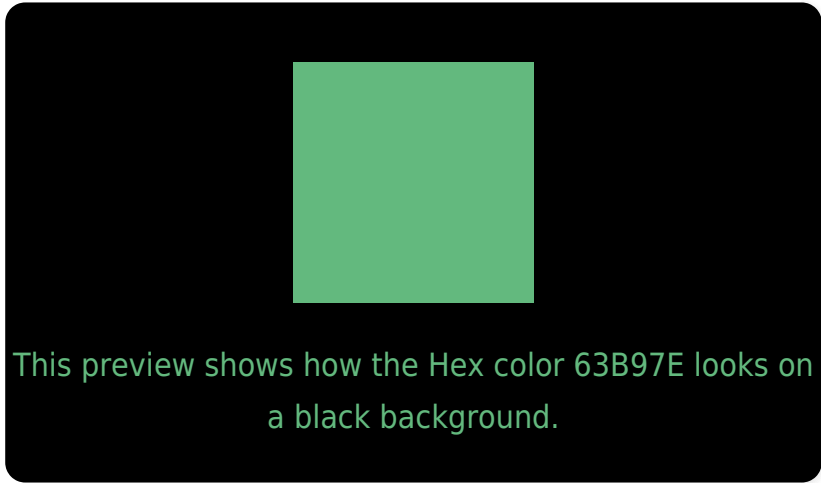
Large Text (above 18pt) WCAG AA × Fail

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 63B97E Background



This preview shows how black text looks on a background with the Hex color 63B97E.

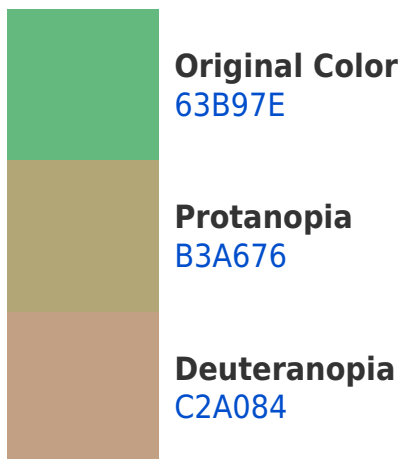


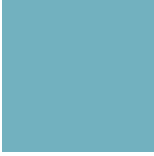
This preview shows how white text looks on a background with the Hex color 63B97E.

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](#).

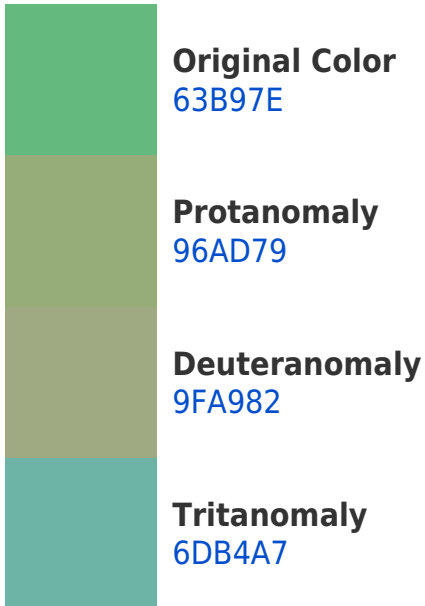
Dichromacy



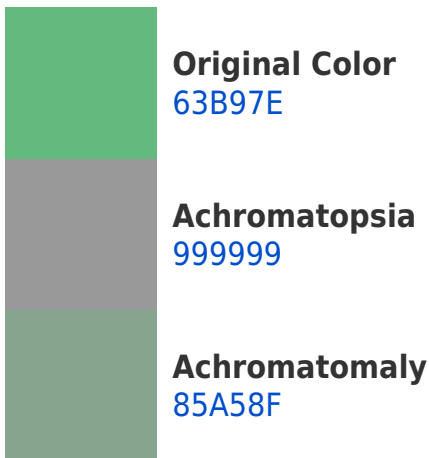


Tritanopia
72B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63B97E 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 #63B97E looks like.

```
.text, #text, p{  
    color:#63B97E  
}
```

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 #63B97E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B97E
}
```

Border

The CSS property to change the border of an element to Hex 63B97E 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
#63B97E }
```

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

```
.border{ border-color:#63B97E }
```

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

Here you see how a box with a 4 pixel #63B97E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B97E; -webkit-box-shadow:4px 4px  
4px 4px #63B97E; box-shadow:4px 4px 4px  
4px #63B97E }
```

Background

The CSS property to change the background color of an element to Hex 63B97E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B97E }
```

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

```
.background{ background-color:#63B97E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor