

Converting Colors

Hex(63BB8B)

Have a look what the booklet for
Hex(63BB8B) contains.

Hex(63BB8B)	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(63BB8B)

Conversions

Conversions Part 1

Format	Color
Hex	63BB8B
RGB	99, 187, 139
RGB Percent	39%, 73%, 55%
CMY	0.6118, 0.2667, 0.4549
CMYK	0.47, 0.00, 0.26, 0.27
HSL	147°, 39%, 56%
HSV	147°, 47%, 73%
XYZ	27.5761, 40.0574, 30.7045
YIQ	155.2160, -37.0400, -33.5840

Conversions

Conversions Part 2

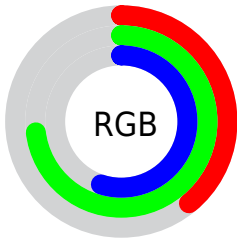
Format	Color
RYB	99, 160, 187
Decimal	6536075
CIELab	69.51, -37.57, 16.28
CIElCh	70, 40.949, 156.575
Yxy	40.0574, 0.2804, 0.4073
Android (android.graphics.Color)	4284726155 (0xFF63BB8B)
YUV	155.2160, -7.9945, -49.3014
Hunter-Lab	63.2909, -32.9859, 15.5401

Details

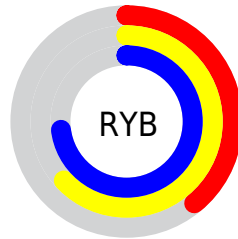
The Hex color **63BB8B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB6393**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9AF4C1**, and **2A8559** is the 20% darker color. If you saturate the color by 10%, you get **50BB81**, and if you desaturate by 10%, it is **76BB95**.

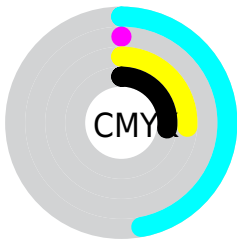
Distribution



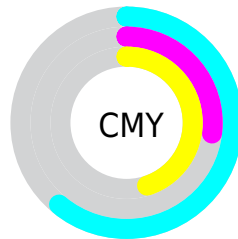
- Red (39%)
- Green (73%)
- Blue (55%)



- Red (39%)
- Yellow (63%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (26%)
- Black (27%)



- Cyan (61%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63BB8B 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 63BB8B by changing the saturation by 10% instead.

 63BB8B

 63BB8B

FFFFFF

 47A071

 9AF4C1

 2A8559

 B6FFDD

 006B41

 D3FFF9

 00522B

 F0FFFF

 003A16

 002600

 000000


 63BB8B

 63BB8B

 50BB81

 76BB95

 3EBB77

 88BB9F

 2BBB6C

 9BBBAA

 18BB62

 AEBBB4

 06BB58

 C1BBBE

 00BB55

 D3BBC8

 E6BBD2

 F9BBDD

 FFBBE7

Harmonies

Analogous

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



92B56D



63BB8B



1FBDB1

Triad

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



63BB8B



7FABF3



EE917F

Complementary

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



63BB8B



BB6393

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.



F18CA3



63BB8B



B89DE6

Square

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



63BB8B



32B6ED



DF91C8



DA9D66

Rectangle

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



63BB8B



00BDCA



DF91C8



F18F8A

Sweetspot

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



63BB8B



D0F2E0



93BB63



667A6F



FAFAFA



7A7A7A

Same Dimension

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



63BB8B



6BF2A8



63BBB7



555E59



009E48



001F0E

Inverse Universe

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



BB6393



F26BB5



BB6367



5E555A



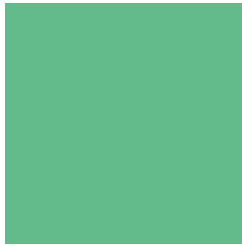
9E0056



1F0011

Previews

White Background



This preview shows how the Hex color 63BB8B looks on a white background.

Color Contrast Check

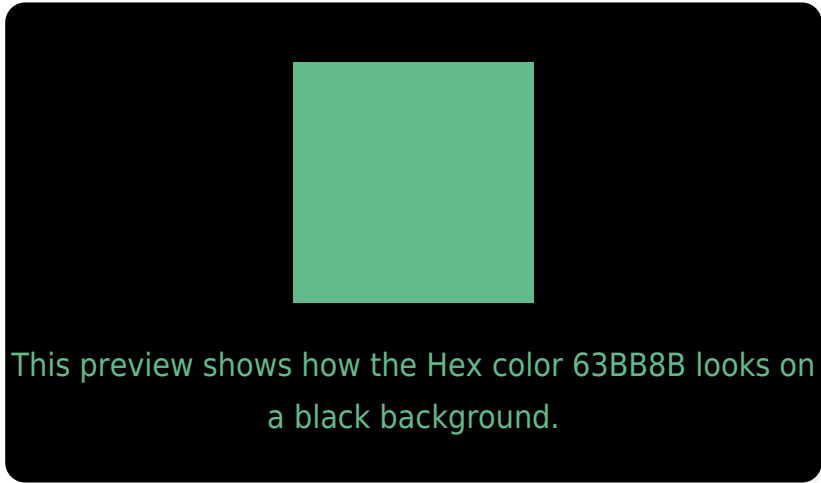
Large Text (above 18pt) WCAG AA × Fail

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

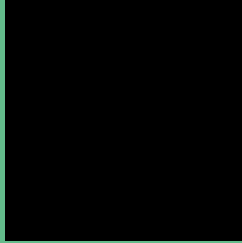
Any Text WCAG AA ✓ Pass

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 63BB8B Background



This preview shows how black text looks on a background with the Hex color 63BB8B.

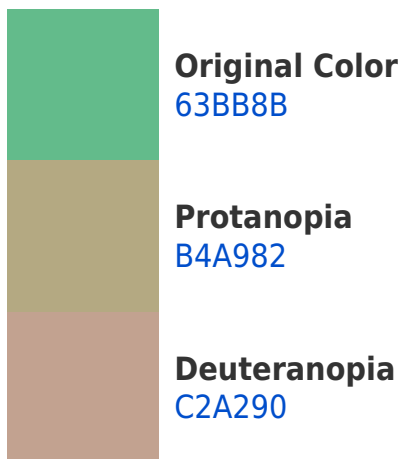


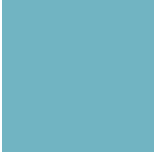
This preview shows how white text looks on a background with the Hex color 63BB8B.

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



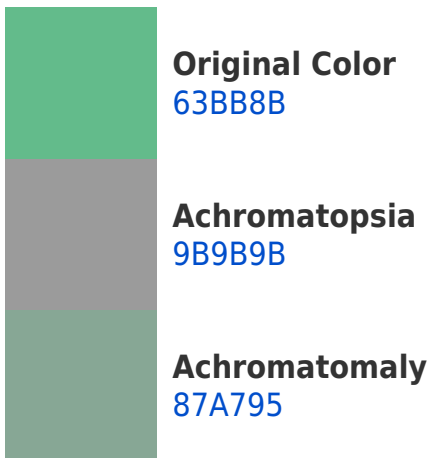


Tritanopia
71B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63BB8B 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 #63BB8B looks like.

```
.text, #text, p{  
    color:#63BB8B  
}
```

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 #63BB8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BB8B
}
```

Border

The CSS property to change the border of an element to Hex 63BB8B 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
#63BB8B }
```

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

```
.border{ border-color:#63BB8B }
```

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

Here you see how a box with a 4 pixel #63BB8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BB8B; -webkit-box-shadow:4px 4px  
4px 4px #63BB8B; box-shadow:4px 4px 4px  
4px #63BB8B }
```

Background

The CSS property to change the background color of an element to Hex 63BB8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BB8B }
```

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

```
.background{ background-color:#63BB8B }
```

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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