

Converting Colors

Hex(63B48B)

Have a look what the booklet for
Hex(63B48B) contains.

Hex(63B48B)	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(63B48B)

Conversions

Conversions Part 1

Format	Color
Hex	63B48B
RGB	99, 180, 139
RGB Percent	39%, 71%, 55%
CMY	0.6118, 0.2941, 0.4549
CMYK	0.45, 0.00, 0.23, 0.29
HSL	150°, 35%, 55%
HSV	150°, 45%, 71%
XYZ	26.1270, 37.1592, 30.2215
YIQ	151.1070, -35.1150, -29.9230

Conversions

Conversions Part 2

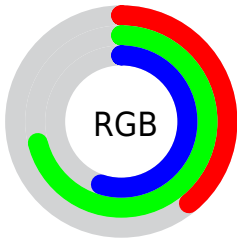
Format	Color
RYB	99, 153, 180
Decimal	6534283
CIELab	67.40, -34.36, 13.33
CIElCh	67, 36.857, 158.805
Yxy	37.1592, 0.2794, 0.3974
Android (android.graphics.Color)	4284724363 (0xFF63B48B)
YUV	151.1070, -5.9688, -45.6978
Hunter-Lab	60.9584, -30.1712, 13.2765

Details

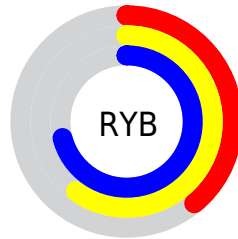
The Hex color **63B48B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B4638C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9AECC1**, and **2C7F59** is the 20% darker color. If you saturate the color by 10%, you get **51B482**, and if you desaturate by 10%, it is **75B494**.

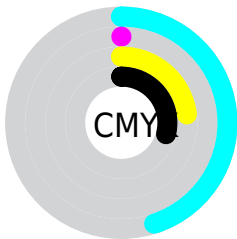
Distribution



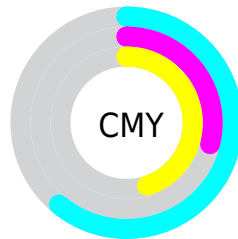
- Red (39%)
- Green (71%)
- Blue (55%)



- Red (39%)
- Yellow (60%)
- Blue (71%)



- Cyan (45%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)



- Cyan (61%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B48B 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 63B48B by changing the saturation by 10% instead.

 63B48B

 63B48B

FFFFFF

 489971

 9AECC1

 2C7F59

 B6FFDC

 066541

 D2FFF9

 004D2B

 EFFFFFF

 003516

 002100

 000000

 63B48B

 63B48B

 51B482

 75B494

 3FB479

 87B49D

 2DB470

 99B4A6

 1BB467

 ABB4AF

 09B45D

 BDB4B9

 00B459

 CFB4C2

 E1B4CB

 F3B4D4

 FFB4DD

Harmonies

Analogous

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



8CAE6F



63B48B



33B6AD

Triad

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



63B48B



84A4E5



E18F7C

Complementary

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



63B48B



B4638C

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.



E48A9B



63B48B



B598D8

Square

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



63B48B



49AEE1



D68EBD



CE9A67

Rectangle

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



63B48B



11B5C3



D68EBD



E48D86

Sweetspot

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



63B48B



CAEBDA



8DB463



61756B



F5F5F5



757575

Same Dimension

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



63B48B



6CEBAA



63B4B3



505955



00994C



001A0D

Inverse Universe

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



B4638C



EB6CAC



B46364



595055



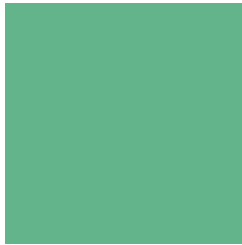
99004D



1A000D

Previews

White Background



This preview shows how the Hex color 63B48B looks on a white background.

Color Contrast Check

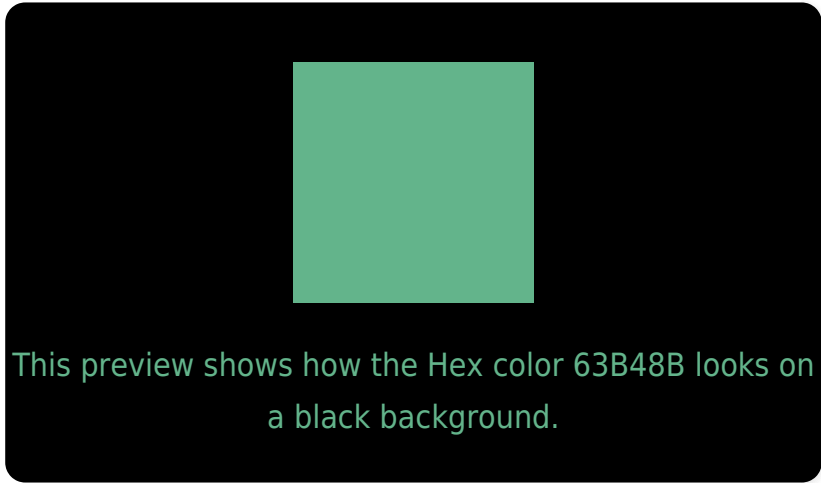
Large Text (above 18pt) WCAG AA × Fail

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

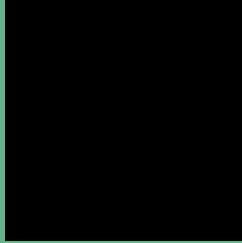
Any Text WCAG AA ✓ Pass

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 63B48B Background



This preview shows how black text looks on a background with the Hex color 63B48B.

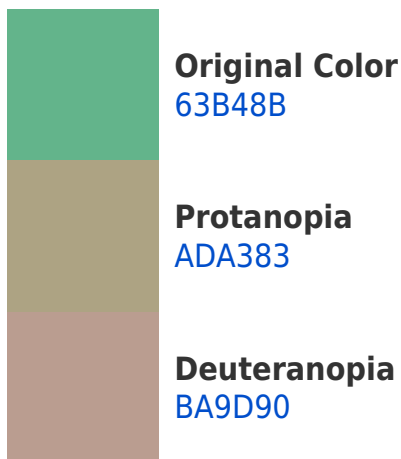


This preview shows how white text looks on a background with the Hex color 63B48B.

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](#).

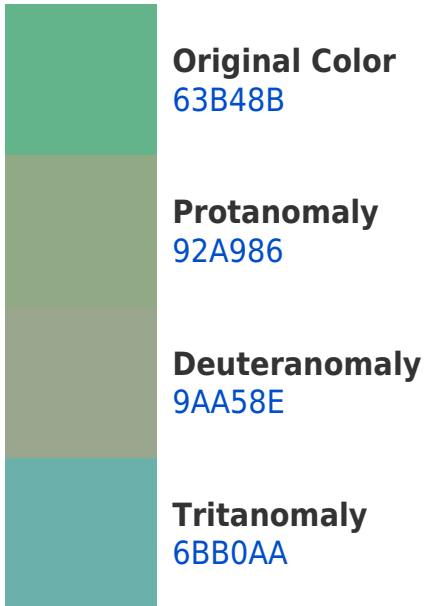
Dichromacy



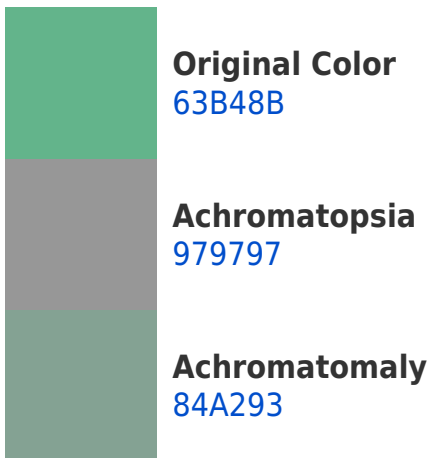


Tritanopia
6FAEBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63B48B 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 #63B48B looks like.

```
.text, #text, p{  
    color:#63B48B  
}
```

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 #63B48B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B48B
}
```

Border

The CSS property to change the border of an element to Hex 63B48B 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
#63B48B }
```

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

```
.border{ border-color:#63B48B }
```

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

Here you see how a box with a 4 pixel #63B48B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B48B; -webkit-box-shadow:4px 4px  
4px 4px #63B48B; box-shadow:4px 4px 4px  
4px #63B48B }
```

Background

The CSS property to change the background color of an element to Hex 63B48B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B48B }
```

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

```
.background{ background-color:#63B48B }
```

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