

Converting Colors

Hex(63BB85)

Have a look what the booklet for
Hex(63BB85) contains.

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Color

Hex(63BB85)

Conversions

Conversions Part 1

Format	Color
Hex	63BB85
RGB	99, 187, 133
RGB Percent	39%, 73%, 52%
CMY	0.6118, 0.2667, 0.4784
CMYK	0.47, 0.00, 0.29, 0.27
HSL	143°, 39%, 56%
HSV	143°, 47%, 73%
XYZ	27.1496, 39.8868, 28.4583
YIQ	154.5320, -35.1140, -35.4500

Conversions

Conversions Part 2

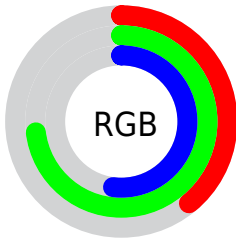
Format	Color
RYB	99, 162, 187
Decimal	6536069
CIELab	69.39, -38.77, 19.35
CIElCh	69, 43.326, 153.475
Yxy	39.8868, 0.2843, 0.4177
Android (android.graphics.Color)	4284726149 (0xFF63BB85)
YUV	154.5320, -10.6153, -48.7016
Hunter-Lab	63.1560, -33.7892, 17.4929

Details

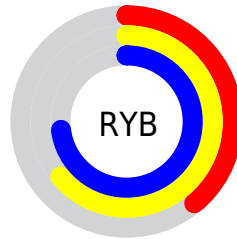
The Hex color **63BB85** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB6399**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9AF4BA**, and **2A8553** is the 20% darker color. If you saturate the color by 10%, you get **50BB7A**, and if you desaturate by 10%, it is **76BB90**.

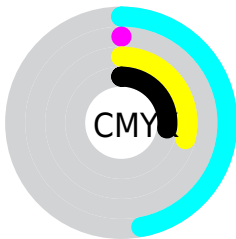
Distribution



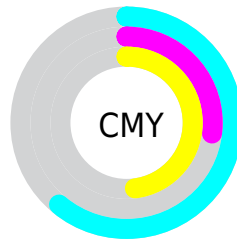
- Red (39%)
- Green (73%)
- Blue (52%)



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



- Cyan (47%)
- Magenta (0%)
- Yellow (29%)
- Black (27%)



- Cyan (61%)
- Magenta (27%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63BB85 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 63BB85 by changing the saturation by 10% instead.

 63BB85

 63BB85

FFFFFF

 47A06C

 9AF4BA

 2A8553

 B6FFD6

 006B3C

 D3FFF3

 005225

 F0FFFF

 003A10

 002600

 000000

 63BB85

 63BB85

 50BB7A

 76BB90

 3EBB6E

 88BB9C

 2BBB63

 9BBBA7

 18BB57

 AE BBB3

 06BB4C

 C1BBBE

 00BB48

 D3BBCA

 E6BBD5

 F9BBE1

 FFB BEC

Harmonies

Analogous

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



94B466



63BB85



0ABEAD

Triad

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



63BB85



73ACF7



F28E80

Complementary

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



63BB85



BB6399

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.



F38AA6



63BB85



B39DEB

Square

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



63BB85



00B7EF



DE90CD



DE9B64

Rectangle

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



63BB85



00BEC7



DE90CD



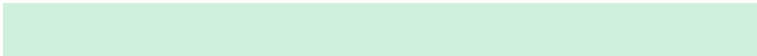
F58C8C

Sweetspot

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



63BB85



D0F2DD



99BB63



667A6E



FAFAFA



7A7A7A

Same Dimension

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



63BB85



6BF29F



63BBB1



555E59



009E3D



001F0C

Inverse Universe

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



BB6399



F26BBE



BB636D



5E555B



9E0061



1F0013

Previews

White Background



This preview shows how the Hex color 63BB85 looks on a white background.

Color Contrast Check

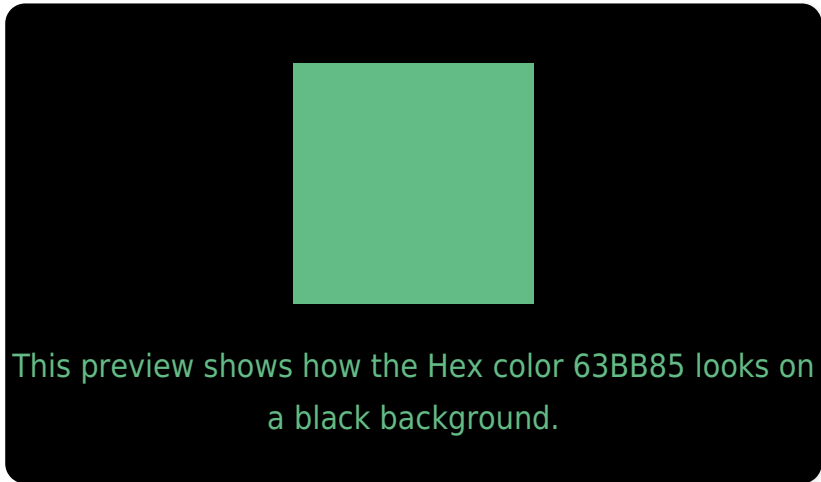
Large Text (above 18pt) WCAG AA × Fail

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 63BB85 Background



This preview shows how black text looks on a background with the Hex color 63BB85.

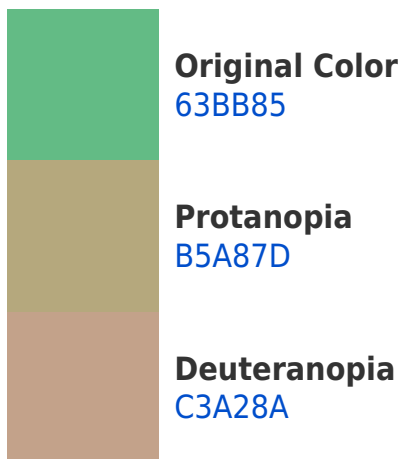


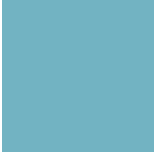
This preview shows how white text looks on a background with the Hex color 63BB85.

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](#).

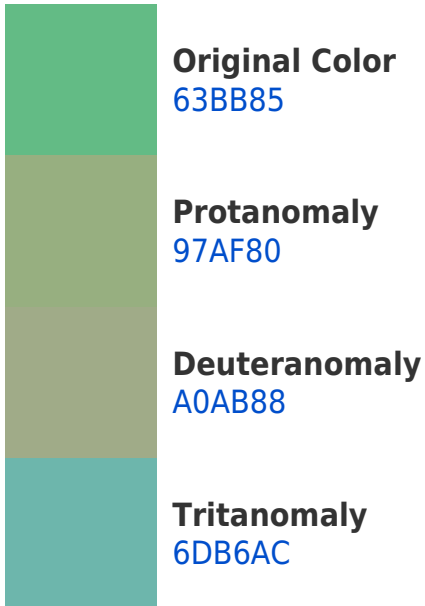
Dichromacy



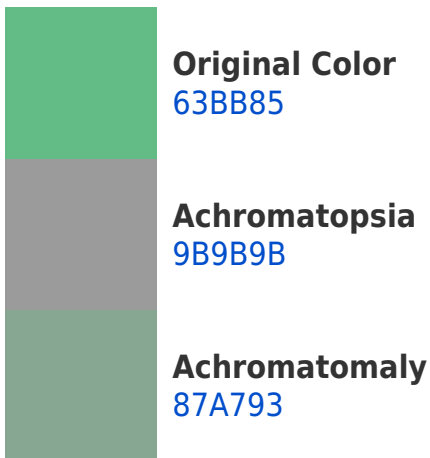


Tritanopia
72B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63BB85 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 #63BB85 looks like.

```
.text, #text, p{  
    color:#63BB85  
}
```

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 #63BB85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BB85
}
```

Border

The CSS property to change the border of an element to Hex 63BB85 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
#63BB85 }
```

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

```
.border{ border-color:#63BB85 }
```

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

Here you see how a box with a 4 pixel #63BB85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BB85; -webkit-box-shadow:4px 4px  
4px 4px #63BB85; box-shadow:4px 4px 4px  
4px #63BB85 }
```

Background

The CSS property to change the background color of an element to Hex 63BB85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BB85 }
```

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

```
.background{ background-color:#63BB85 }
```

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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