

Converting Colors

Hex(63B57A)

Have a look what the booklet for
Hex(63B57A) contains.

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Color

Hex(63B57A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 63B57A |
| RGB | 99, 181, 122 |
| RGB Percent | 39%, 71%, 48% |
| CMY | 0.6118, 0.2902, 0.5216 |
| CMYK | 0.45, 0.00, 0.33, 0.29 |
| HSL | 137°, 36%, 55% |
| HSV | 137°, 45%, 71% |
| XYZ | 25.1823, 37.1055, 24.2472 |
| YIQ | 149.7560, -29.9330, -35.7330 |

Conversions

Conversions Part 2

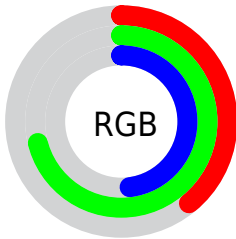
| Format | Color |
|-------------------------------------|--|
| RYB | 99, 163, 181 |
| Decimal | 6534522 |
| CIELab | 67.36, -38.16, 22.49 |
| CIELCh | 67, 44.293, 149.484 |
| Yxy | 37.1055, 0.2910, 0.4288 |
| Android (android.graphics.Color) | 4284724602 (0xFF63B57A) |
| YUV | 149.7560, -13.6837, -44.5130 |
| Hunter-Lab | 60.9143, -32.8072, 19.0394 |

Details

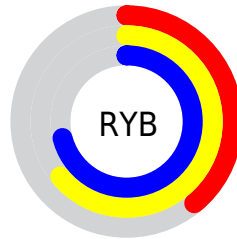
The Hex color **63B57A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B5639E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9AEDAF**, and **2C7F49** is the 20% darker color. If you saturate the color by 10%, you get **51B56D**, and if you desaturate by 10%, it is **75B587**.

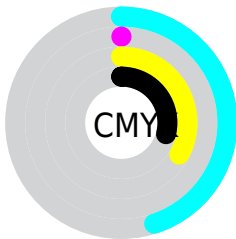
Distribution



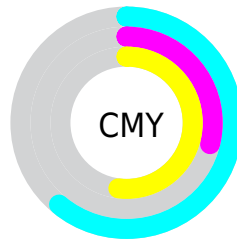
- Red (39%)
- Green (71%)
- Blue (48%)



- Red (39%)
- Yellow (64%)
- Blue (71%)



- Cyan (45%)
- Magenta (0%)
- Yellow (33%)
- Black (29%)



- Cyan (61%)
- Magenta (29%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B57A 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 63B57A by changing the saturation by 10% instead.

 63B57A

 63B57A

FFFFFF

 489A61

 9AEDAF

 2C7F49

 B6FFCA

 056632

 D2FFE7

 004D1B

 EFFFFFF

 003504

 002100

 000000

 63B57A

 63B57A

 51B56D

 75B587

 3FB560

 87B594

 2DB553

 99B5A1

 1BB546

 ABB5AE

 09B539

 BEB5BB

 00B533

 D0B5C8

 E2B5D5

 F4B5E2

 FFB5EF

Harmonies

Analogous

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



94AD5C



63B57A



00B9A2

Triad

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



63B57A



60A8F3



EE877F

Complementary

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



63B57A



B5639E

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.



ED83A6



63B57A



A69AEA

Square

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



63B57A



00B3E8



D58BCD



DD9360

Rectangle

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



63B57A



00B9BD



D58BCD



F0858B

Sweetspot

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



63B57A



CAEBD3



9FB563



617567



F5F5F5



757575

Same Dimension

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



63B57A



6CEB8F



63B5A2



505953



00992B



001A07

Inverse Universe

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



B5639E



EB6CC7



B56376



595057



99006E



1A0012

Previews

White Background



This preview shows how the Hex color 63B57A looks on a white background.

Color Contrast Check

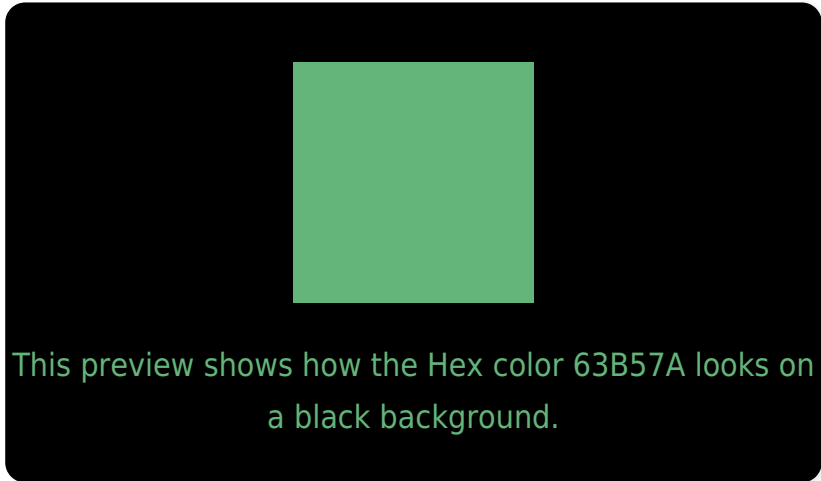
Large Text (above 18pt) WCAG AA × Fail

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 63B57A Background



This preview shows how black text looks on a background with the Hex color 63B57A.

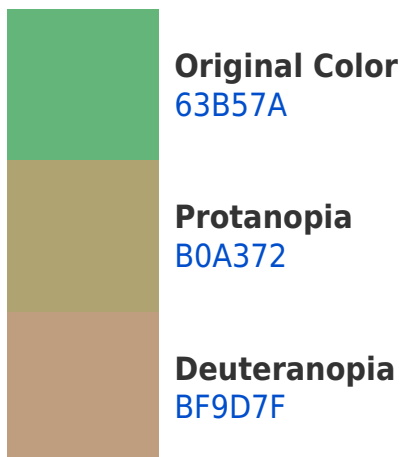


This preview shows how white text looks on a background with the Hex color 63B57A.

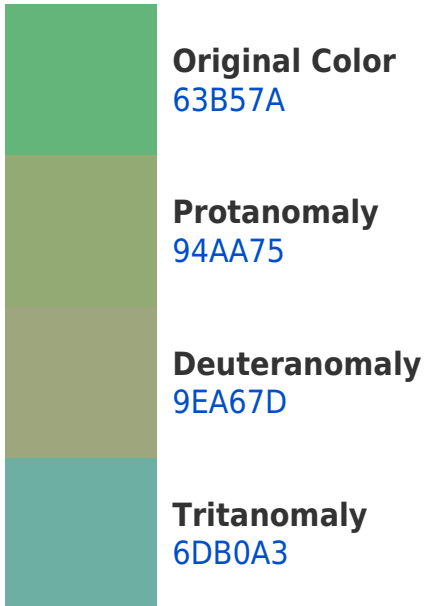
Color Blindness Simulation

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](#).

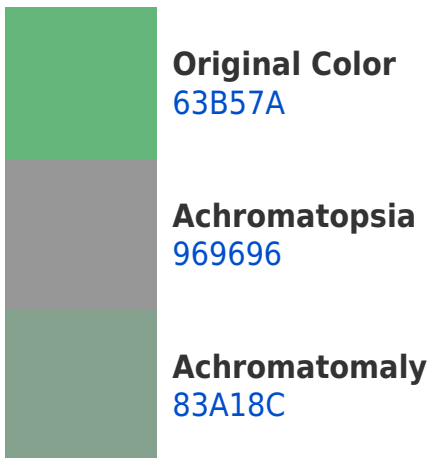
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63B57A 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 #63B57A looks like.

```
.text, #text, p{  
    color:#63B57A  
}
```

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 #63B57A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B57A
}
```

Border

The CSS property to change the border of an element to Hex 63B57A 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
#63B57A }
```

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

```
.border{ border-color:#63B57A }
```

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

Here you see how a box with a 4 pixel #63B57A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B57A; -webkit-box-shadow:4px 4px  
4px 4px #63B57A; box-shadow:4px 4px 4px  
4px #63B57A }
```

Background

The CSS property to change the background color of an element to Hex 63B57A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B57A }
```

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

```
.background{ background-color:#63B57A }
```

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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