

Converting Colors

Hex(63B177)

Have a look what the booklet for
Hex(63B177) contains.

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Color

Hex(63B177)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 63B177 |
| RGB | 99, 177, 119 |
| RGB Percent | 39%, 69%, 47% |
| CMY | 0.6118, 0.3059, 0.5333 |
| CMYK | 0.44, 0.00, 0.33, 0.31 |
| HSL | 135°, 33%, 54% |
| HSV | 135°, 44%, 69% |
| XYZ | 24.1975, 35.4288, 23.0159 |
| YIQ | 147.0660, -27.8700, -34.5740 |

Conversions

Conversions Part 2

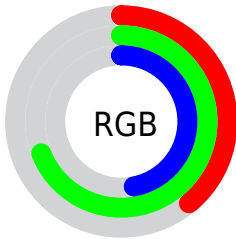
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 99, 161, 177 |
| Decimal | 6533495 |
| CIELab | 66.08, -36.90, 22.38 |
| CIELCh | 66, 43.160, 148.765 |
| Yxy | 35.4288, 0.2928, 0.4287 |
| Android (android.graphics.Color) | 4284723575 (0xFF63B177) |
| YUV | 147.0660, -13.8365, -42.1539 |
| Hunter-Lab | 59.5221, -31.5982, 18.7394 |

Details

The Hex color **63B177** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B1639D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **99E9AC**, and **2C7C46** is the 20% darker color. If you saturate the color by 10%, you get **51B16A**, and if you desaturate by 10%, it is **75B184**.

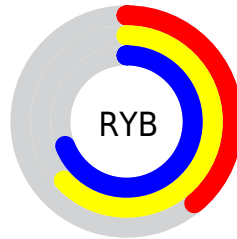
Distribution



Red (39%)

Green (69%)

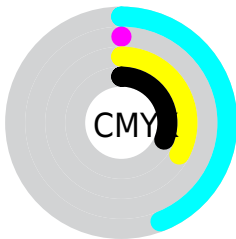
Blue (47%)



Red (39%)

Yellow (63%)

Blue (69%)

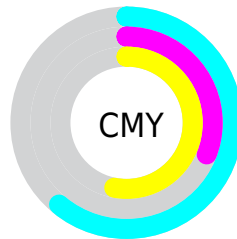


Cyan (44%)

Magenta (0%)

Yellow (33%)

Black (31%)



Cyan (61%)

Magenta (31%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B177 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 63B177 by changing the saturation by 10% instead.

 63B177

 63B177

FFFFFF

 48965E

 99E9AC

 2C7C46

 B5FFC7

 09622F

 D2FFE3

 004A19

 EFFFFFF

 003200

 001D00

 000000

 63B177

 63B177

 51B16A

 75B184

 40B15D

 86B191

 2EB150

 98B19E

 1CB142

 AAB1AC

 0AB135

 BCB1B9

 00B12D

 CDB1C6

 DFB1D3

 F1B1E0

 FFB1ED

Harmonies

Analogous

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



93A95B



63B177



11B59E

Triad

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



63B177



5DA5EE



E9847D

Complementary

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



63B177



B1639D

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.



E781A4



63B177



A197E5

Square

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



63B177



00AFE2



CF89C9



D8905F

Rectangle

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



63B177



00B5B8



CF89C9



EB828A

Sweetspot

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



63B177



C8E6CF



9EB163



607365



F2F2F2



737373

Same Dimension

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



63B177



6CE68B



63B19E



505953



009927



001A07

Inverse Universe

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



B1639D



E66CC6



B16376



595057



990072



1A0013

Previews

White Background



This preview shows how the Hex color 63B177 looks on a white background.

Color Contrast Check

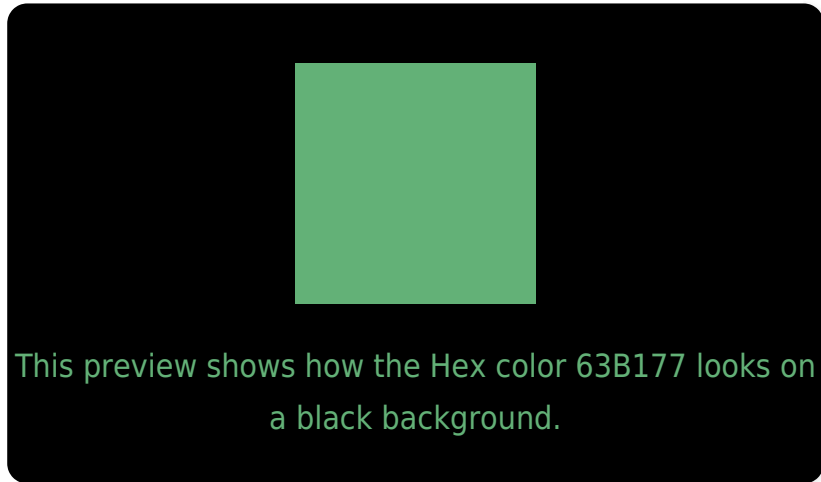
Large Text (above 18pt) WCAG AA × Fail

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

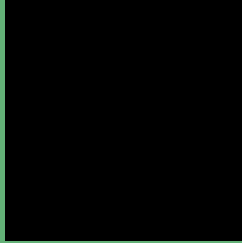
Any Text WCAG AA ✓ Pass

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 63B177 Background



This preview shows how black text looks on a background with the Hex color 63B177.

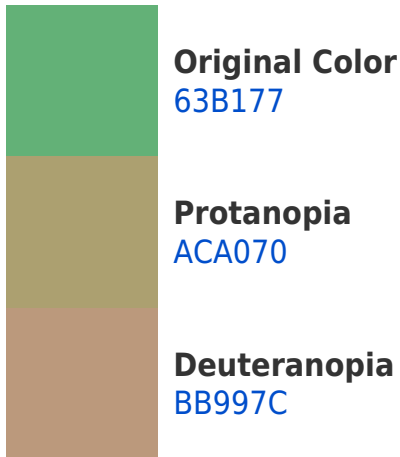


This preview shows how white text looks on a background with the Hex color 63B177.

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](#).

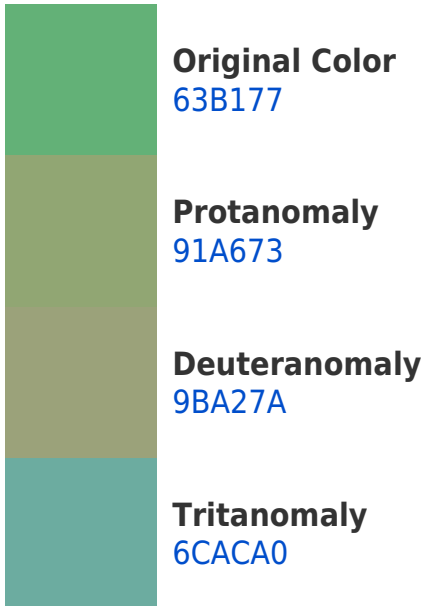
Dichromacy





Tritanopia
71A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63B177 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 #63B177 looks like.

```
.text, #text, p{  
    color:#63B177  
}
```

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 #63B177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B177
}
```

Border

The CSS property to change the border of an element to Hex 63B177 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
#63B177 }
```

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

```
.border{ border-color:#63B177 }
```

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

Here you see how a box with a 4 pixel #63B177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B177; -webkit-box-shadow:4px 4px  
4px 4px #63B177; box-shadow:4px 4px 4px  
4px #63B177 }
```

Background

The CSS property to change the background color of an element to Hex 63B177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B177 }
```

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

```
.background{ background-color:#63B177 }
```

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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