

Converting Colors

Hex(63B769)

Have a look what the booklet for
Hex(63B769) contains.

Hex(63B769)	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(63B769)

Conversions

Conversions Part 1

Format	Color
Hex	63B769
RGB	99, 183, 105
RGB Percent	39%, 72%, 41%
CMY	0.6118, 0.2824, 0.5882
CMYK	0.46, 0.00, 0.43, 0.28
HSL	124°, 37%, 55%
HSV	124°, 46%, 72%
XYZ	24.6289, 37.5395, 19.3124
YIQ	148.9920, -25.0260, -42.0660

Conversions

Conversions Part 2

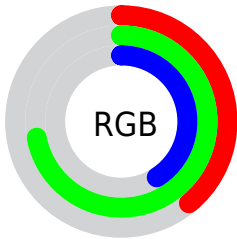
Format	Color
RYB	99, 177, 183
Decimal	6535017
CIELab	67.68, -41.92, 31.90
CIELCh	68, 52.682, 142.728
Yxy	37.5395, 0.3023, 0.4607
Android (android.graphics.Color)	4284725097 (0xFF63B769)
YUV	148.9920, -21.6881, -43.8430
Hunter-Lab	61.2695, -35.4689, 24.2002

Details

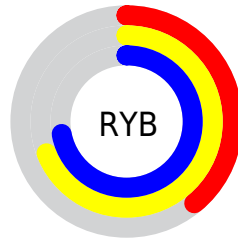
The Hex color **63B769** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B763B1**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9AF09D**, and **2A8138** is the 20% darker color. If you saturate the color by 10%, you get **51B758**, and if you desaturate by 10%, it is **75B77A**.

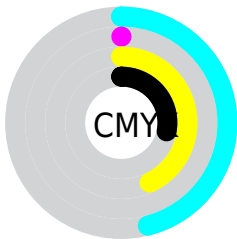
Distribution



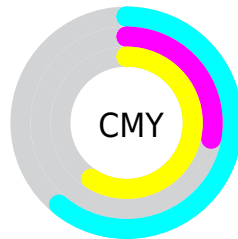
- Red (39%)
- Green (72%)
- Blue (41%)



- Red (39%)
- Yellow (69%)
- Blue (72%)



- Cyan (46%)
- Magenta (0%)
- Yellow (43%)
- Black (28%)



- Cyan (61%)
- Magenta (28%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B769 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 63B769 by changing the saturation by 10% instead.

 63B769

 63B769

FFFFFF

 479C50

 9AF09D

 2A8138

 B6FFB8

 006820

 D3FFD4

 004F07

 F0FFF1


 003700

 002200

 000000

 63B769

 63B769

 51B758

 75B77A

 3EB747

 88B78B

 2CB736

 9AB79C

 1AB725

 ACB7AD

 08B714

 BFB7BE

 00B70D

 D1B7CF

 E3B7E0

 F5B7F1

 FFB7FF

Harmonies

Analogous

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



9DAD49



63B769



00BC97

Triad

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



63B769



04ADFF



FD7E83

Complementary

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



63B769



B763B1

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.



F67DB3



63B769



959DFD

Square

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



63B769



00B8EF



D48ADF



EC8D5A

Rectangle

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



63B769



00BDB8



D48ADF



FE7C92

Sweetspot

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



63B769



CCEDCE



B1B763



637865



F7F7F7



787878

Same Dimension

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



63B769



6BED74



63B793



535C53



009C0B



001C02

Inverse Universe

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



B763B1



ED6BE4



B76387



5C535B



9C0090



1C001A

Previews

White Background



This preview shows how the Hex color 63B769 looks on a white background.

Color Contrast Check

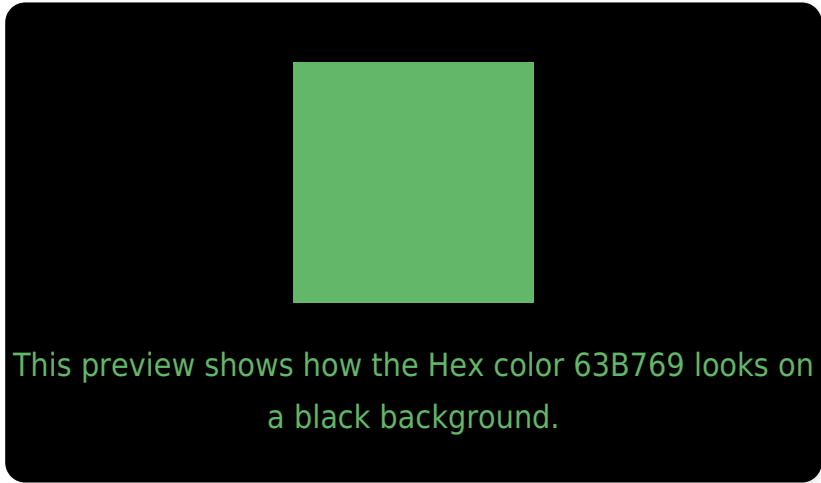
Large Text (above 18pt) WCAG AA × Fail

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

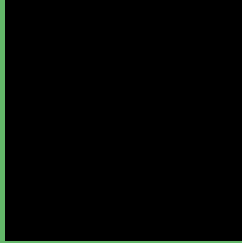
Any Text WCAG AA ✓ Pass

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 63B769 Background



This preview shows how black text looks on a background with the Hex color 63B769.

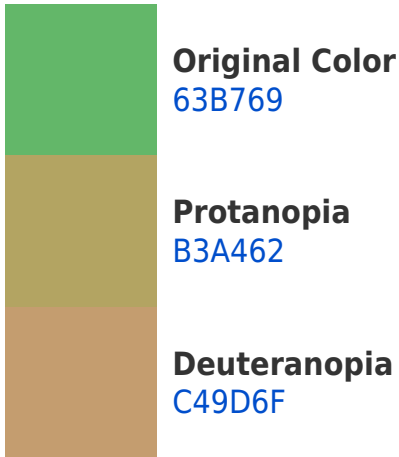


This preview shows how white text looks on a background with the Hex color 63B769.

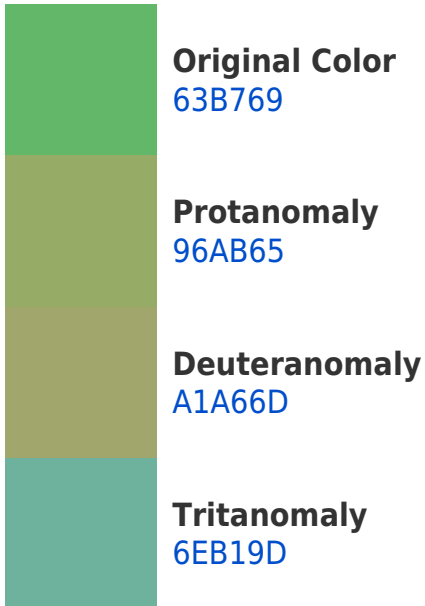
Color Blindness Simulation

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](#).

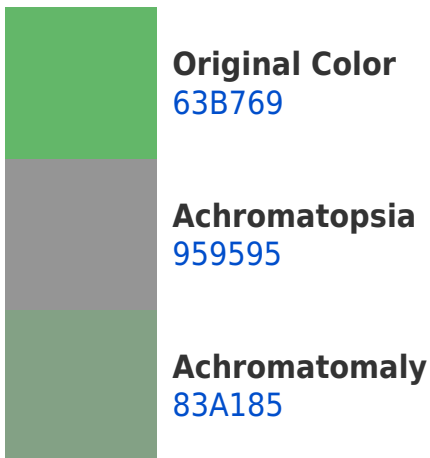
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63B769 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 #63B769 looks like.

```
.text, #text, p{  
    color:#63B769  
}
```

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 #63B769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B769
}
```

Border

The CSS property to change the border of an element to Hex 63B769 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
#63B769 }
```

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

```
.border{ border-color:#63B769 }
```

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

Here you see how a box with a 4 pixel #63B769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B769; -webkit-box-shadow:4px 4px  
4px 4px #63B769; box-shadow:4px 4px 4px  
4px #63B769 }
```

Background

The CSS property to change the background color of an element to Hex 63B769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B769 }
```

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

```
.background{ background-color:#63B769 }
```

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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