

# Converting Colors

Hex(65B963)

Have a look what the booklet for  
Hex(65B963) contains.

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**Color**

**Hex(65B963)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65B963
RGB	101, 185, 99
RGB Percent	40%, 73%, 39%
CMY	0.6039, 0.2745, 0.6118
CMYK	0.45, 0.00, 0.46, 0.27
HSL	119°, 38%, 56%
HSV	119°, 46%, 73%
XYZ	24.9679, 38.3655, 17.8937
YIQ	150.0800, -22.4580, -44.5540

# Conversions

## Conversions Part 2

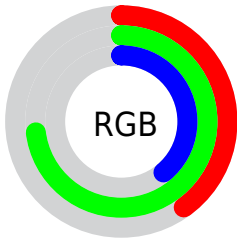
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 185, 183
Decimal	6666595
CIELab	68.29, -43.09, 35.78
CIElCh	68, 56.009, 140.300
Yxy	38.3655, 0.3074, 0.4723
Android (android.graphics.Color)	4284856675 (0xFF65B963)
YUV	150.0800, -25.1824, -43.0432
Hunter-Lab	61.9399, -36.4415, 26.2297

# Details

The Hex color **65B963** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B763B9**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9CF297**, and **2C8332** is the 20% darker color. If you saturate the color by 10%, you get **53B951**, and if you desaturate by 10%, it is **77B976**.

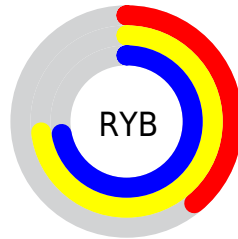
# Distribution



Red (40%)

Green (73%)

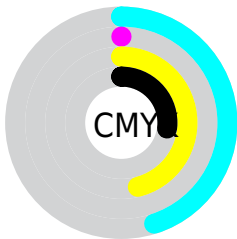
Blue (39%)



Red (39%)

Yellow (73%)

Blue (72%)

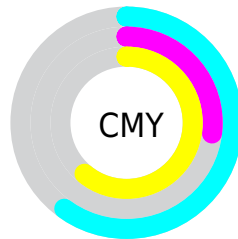


Cyan (45%)

Magenta (0%)

Yellow (46%)

Black (27%)



Cyan (60%)

Magenta (27%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65B963 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 65B963 by changing the saturation by 10% instead.



 65B963

 65B963

FFFFFF

 499E4A

 9CF297

 2C8332

 B9FFB2

 026919

 D6FFCE

 005000

 F3FFEB

 003800

 002300

 000000

 65B963

 65B963

 53B951

 77B976

 41B93E

 89B988

 2FB92C

 9BB99B

 1DB919

 ADB9AD

 0BB906

 BFB9C0

 04B900

 D1B9D2

 E3B9E5

 F6B9F7

 FFB9FF

# Harmonies

## Analogous

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



A1AE42



65B963



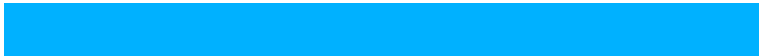
00BF94

# Triad

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



65B963



00B1FF



FF7C86

# Complementary

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



65B963



B763B9

# 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.



FB7CB9



65B963



8DA0FF

# Square

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



65B963



00BBF3



D48BE8



F48B5A

# Rectangle

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



65B963



00C0B7



D48BE8



FF7A97

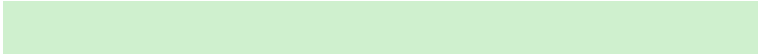


# Sweetspot

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



65B963



CFF0CE



B9B663



647863



F7F7F7



787878



# Same Dimension

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



65B963



6DF069



63B98B



535C53



049C00



011C00



# Inverse Universe

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



B763B9



ED69F0



B96391



5C535C



98009C



1B001C



# Previews

## White Background



This preview shows how the Hex color 65B963 looks on a white background.

## Color Contrast Check

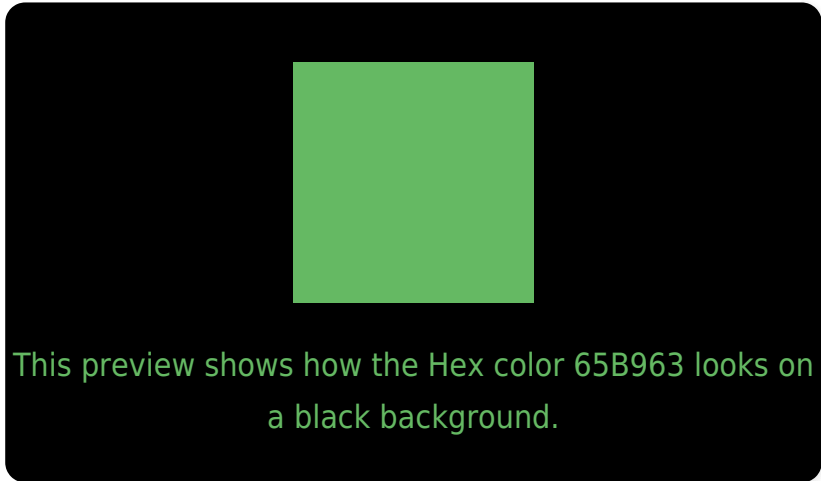
Large Text (above 18pt) WCAG AA × Fail

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

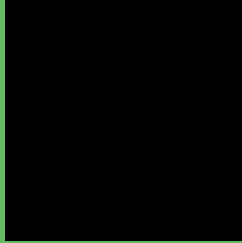
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 65B963 Background



This preview shows how black text looks on a background with the Hex color 65B963.



This preview shows how white text looks on a background with the Hex color 65B963.

# 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](#).

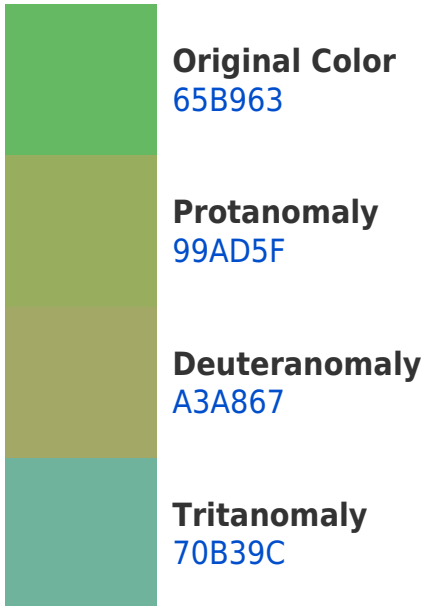
## Dichromacy





**Tritanopia**  
77AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65B963 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 #65B963 looks like.

```
.text, #text, p{  
    color:#65B963  
}
```

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 #65B963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B963
}
```

## Border

The CSS property to change the border of an element to Hex 65B963 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
#65B963 }
```

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

```
.border{ border-color:#65B963 }
```

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

Here you see how a box with a 4 pixel #65B963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B963; -webkit-box-shadow:4px 4px  
4px 4px #65B963; box-shadow:4px 4px 4px  
4px #65B963 }
```

# Background

The CSS property to change the background color of an element to Hex 65B963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B963 }
```

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

```
.background{ background-color:#65B963 }
```

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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