

# Converting Colors

Hex(65C967)

Have a look what the booklet for  
Hex(65C967) contains.

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**Color**

**Hex(65C967)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65C967
RGB	101, 201, 103
RGB Percent	40%, 79%, 40%
CMY	0.6039, 0.2118, 0.5961
CMYK	0.50, 0.00, 0.49, 0.21
HSL	121°, 48%, 59%
HSV	121°, 50%, 79%
XYZ	28.7017, 45.5193, 20.1053
YIQ	159.9280, -28.1420, -51.6780

# Conversions

## Conversions Part 2

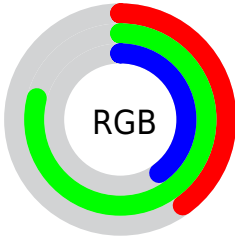
Format	Color
<a href="#">RYB</a>	<a href="#">101, 199, 201</a>
Decimal	<a href="#">6670695</a>
CIELab	<a href="#">73.23, -49.17, 39.96</a>
CIElCh	<a href="#">73, 63.364, 140.902</a>
Yxy	<a href="#">45.5193, 0.3043, 0.4826</a>
Android (android.graphics.Color)	<a href="#">4284860775</a> ( <a href="#">0xFF65C967</a> )
YUV	<a href="#">159.9280, -28.0655, -51.6799</a>
Hunter-Lab	<a href="#">67.4680, -42.1330, 29.5593</a>

# Details

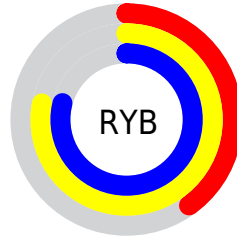
The Hex color **65C967** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C965C7**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **9EFF9C**, and **279235** is the 20% darker color. If you saturate the color by 10%, you get **51C953**, and if you desaturate by 10%, it is **79C97B**.

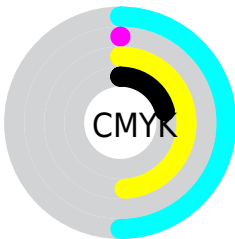
# Distribution



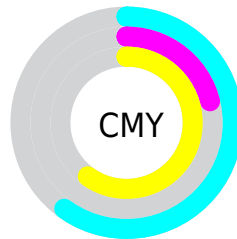
- Red (40%)
- Green (79%)
- Blue (40%)



- Red (40%)
- Yellow (78%)
- Blue (79%)



- Cyan (50%)
- Magenta (0%)
- Yellow (49%)
- Black (21%)



- Cyan (60%)
- Magenta (21%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65C967 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 65C967 by changing the saturation by 10% instead.



 65C967

 65C967

FFFFFF

 48AD4E

 9EFF9C

 279235

 BBFFB7


 00781B

 D8FFD3

 005E00

 F6FFF0

 004500

 002F00

 001300

 000000

 65C967

 65C967

 51C953

 79C97B

 3DC940

 8DC98E

 29C92C

 A1C9A2

 15C918

 B5C9B6

 00C905

 CAC9C9

 00C904

 DEC9DD

 F2C9F1

 FFC9FF

# Harmonies

## Analogous

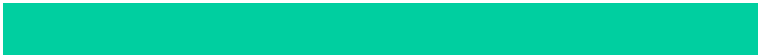
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ACBD3F



65C967



00CFA0

# Triad

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



65C967



00BFFF



FF828E

# Complementary

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



65C967



C965C7

# 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.



FF81C8



65C967



97ACFF

# Square

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



65C967



00CBFF



E993FE



FF945B

# Rectangle

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



65C967



00D0C8



E993FE



FF7FA1

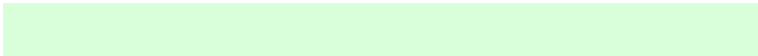


# Sweetspot

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



65C967



D9FFDA



C7C965



698069



000000



808080



# Same Dimension

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



65C967



66FF69



65C999



5A635A



00A303



002401



# Inverse Universe

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



C965C7



FF66FC



C96595



635A63



A300A0



240023



# Previews

## White Background



This preview shows how the Hex color 65C967 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



This preview shows how the Hex color 65C967 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

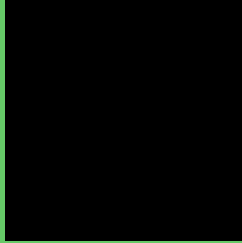
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65C967 Background



This preview shows how black text looks on a background with the Hex color 65C967.

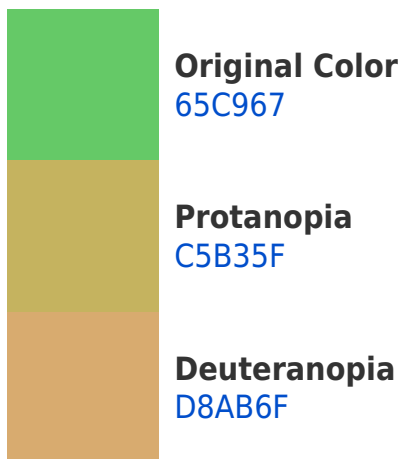


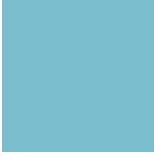
This preview shows how white text looks on a background with the Hex color 65C967.

# 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](#).

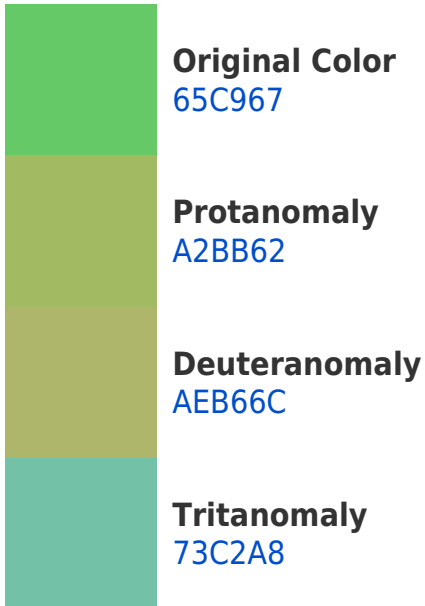
## Dichromacy



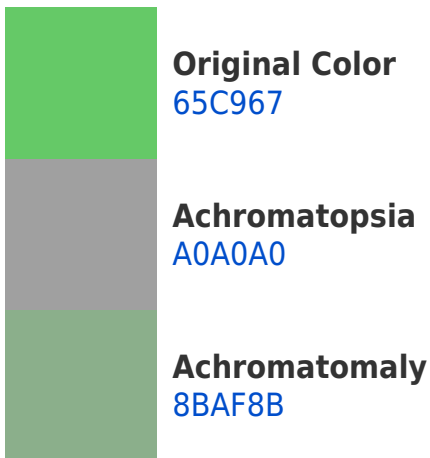


**Tritanopia**  
7BBECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65C967 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 #65C967 looks like.

```
.text, #text, p{  
    color:#65C967  
}
```

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 #65C967 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C967
}
```

## Border

The CSS property to change the border of an element to Hex 65C967 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
#65C967 }
```

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

```
.border{ border-color:#65C967 }
```

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

Here you see how a box with a 4 pixel #65C967 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C967; -webkit-box-shadow:4px 4px  
4px 4px #65C967; box-shadow:4px 4px 4px  
4px #65C967 }
```

# Background

The CSS property to change the background color of an element to Hex 65C967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C967 }
```

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

```
.background{ background-color:#65C967 }
```

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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