

# Converting Colors

Hex(65C676)

Have a look what the booklet for  
Hex(65C676) contains.

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# **Color**

**Hex(65C676)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65C676
RGB	101, 198, 118
RGB Percent	40%, 78%, 46%
CMY	0.6039, 0.2235, 0.5373
CMYK	0.49, 0.00, 0.40, 0.22
HSL	131°, 46%, 59%
HSV	131°, 49%, 78%
XYZ	28.8309, 44.4629, 24.2022
YIQ	159.8770, -32.1320, -45.4440

# Conversions

## Conversions Part 2

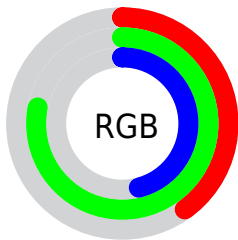
Format	Color
<a href="#">RYB</a>	<a href="#">101, 184, 198</a>
Decimal	<a href="#">6669942</a>
CIELab	<a href="#">72.54, -45.67, 31.50</a>
CIELCh	<a href="#">73, 55.481, 145.408</a>
Yxy	<a href="#">44.4629, 0.2957, 0.4560</a>
Android (android.graphics.Color)	<a href="#">4284860022 (0xFF65C676)</a>
YUV	<a href="#">159.8770, -20.6454, -51.6351</a>
Hunter-Lab	<a href="#">66.6805, -39.5120, 25.1566</a>

# Details

The Hex color **65C676** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C665B5**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **9DFFAB**, and **298F44** is the 20% darker color. If you saturate the color by 10%, you get **51C666**, and if you desaturate by 10%, it is **79C686**.

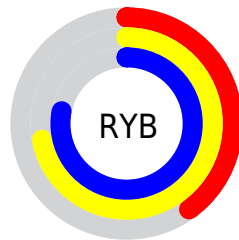
# Distribution



Red (40%)

Green (78%)

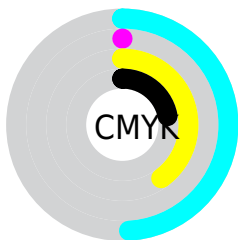
Blue (46%)



Red (40%)

Yellow (72%)

Blue (78%)

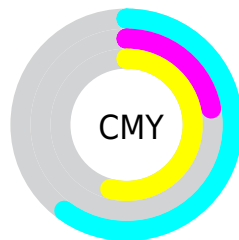


Cyan (49%)

Magenta (0%)

Yellow (40%)

Black (22%)



Cyan (60%)

Magenta (22%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65C676 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 65C676 by changing the saturation by 10% instead.



 65C676

 65C676

FFFFFF

 48AA5D

 9DFFAB

 298F44

 BAFFC7

 00752C

 D7FFE3

 005C15

 F5FFFF

 004300

 002D00

 001000

 000000

 65C676

 65C676

 51C666

 79C686

 3DC655

 8DC697

 2AC645

 A0C6A7

 16C635

 B4C6B7

 02C624

 C8C6C8

 00C623

 DCC6D8

 F0C6E8

 FFC6F9

 FFC6FF

# Harmonies

## Analogous

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



A4BC52



65C676



00CBA8

# Triad

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



65C676



2FBAFF



FF8A89

# Complementary

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



65C676



C665B5

# 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.



FF87BC



65C676



A8A8FF

# Square

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



65C676



00C6FF



E994EC



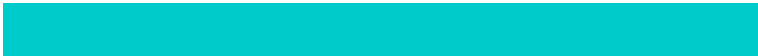
FC9A5F

# Rectangle

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



65C676



00CBCB



E994EC



FF879A

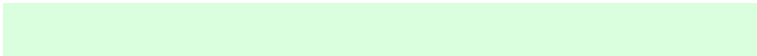


# Sweetspot

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



65C676



D9FFDF



B6C665



69806D



000000



808080



# Same Dimension

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



65C676



69FF83



65C6A6



5A635B



00A31D



002406



# Inverse Universe

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



C665B5



FF69E5



C66585



635A62



A30087



24001D



# Previews

## White Background



This preview shows how the Hex color 65C676 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 65C676 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

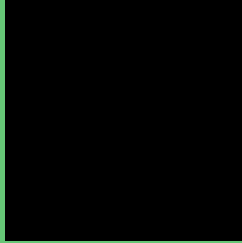
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65C676 Background



This preview shows how black text looks on a background with the Hex color 65C676.

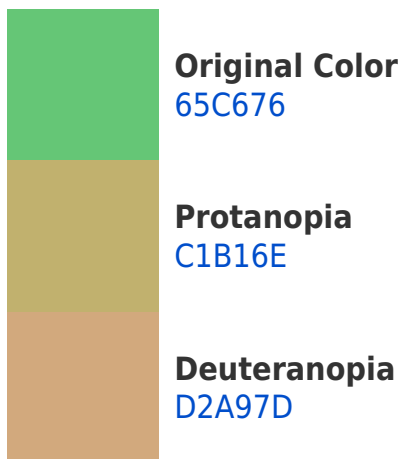


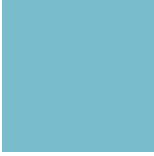
This preview shows how white text looks on a background with the Hex color 65C676.

# 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**  
79BCCB

# Trichromacy



**Original Color**  
65C676



**Protanomaly**  
A0B971



**Deuteranomaly**  
AAB47A



**Tritanomaly**  
72C0AC

# Monochromacy



**Original Color**  
65C676



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
8BAE91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65C676 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 #65C676 looks like.

```
.text, #text, p{  
    color:#65C676  
}
```

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 #65C676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C676
}
```

## Border

The CSS property to change the border of an element to Hex 65C676 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
#65C676 }
```

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

```
.border{ border-color:#65C676 }
```

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

Here you see how a box with a 4 pixel #65C676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C676; -webkit-box-shadow:4px 4px  
4px 4px #65C676; box-shadow:4px 4px 4px  
4px #65C676 }
```

# Background

The CSS property to change the background color of an element to Hex 65C676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C676 }
```

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

```
.background{ background-color:#65C676 }
```

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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