

# Converting Colors

Hex(65D766)

Have a look what the booklet for  
Hex(65D766) contains.

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**Color**

**Hex(65D766)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65D766
RGB	101, 215, 102
RGB Percent	40%, 84%, 40%
CMY	0.6039, 0.1569, 0.6000
CMYK	0.53, 0.00, 0.53, 0.16
HSL	121°, 59%, 62%
HSV	121°, 53%, 84%
XYZ	32.0655, 52.3269, 20.9804
YIQ	168.0320, -31.6710, -59.3110

# Conversions

## Conversions Part 2

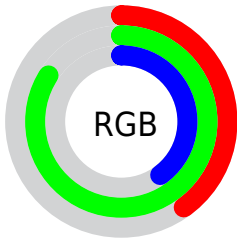
Format	Color
<a href="#">RYB</a>	<a href="#">101, 214, 215</a>
Decimal	<a href="#">6674278</a>
CIELab	<a href="#">77.48, -54.84, 45.65</a>
CIELCh	<a href="#">77, 71.353, 140.227</a>
Yxy	<a href="#">52.3269, 0.3043, 0.4966</a>
Android (android.graphics.Color)	<a href="#">4284864358 (0xFF65D766)</a>
YUV	<a href="#">168.0320, -32.5538, -58.7871</a>
Hunter-Lab	<a href="#">72.3373, -47.4652, 33.4399</a>

# Details

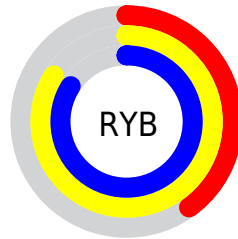
The Hex color **65D766** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D765D6**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A0FF9B**, and **229F32** is the 20% darker color. If you saturate the color by 10%, you get **4FD751**, and if you desaturate by 10%, it is **7AD77B**.

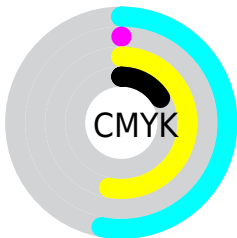
# Distribution



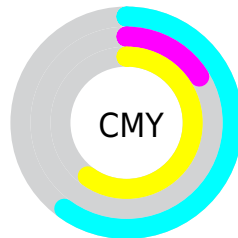
- Red (40%)
- Green (84%)
- Blue (40%)



- Red (40%)
- Yellow (84%)
- Blue (84%)



- Cyan (53%)
- Magenta (0%)
- Yellow (53%)
- Black (16%)



- Cyan (60%)
- Magenta (16%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65D766 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 65D766 by changing the saturation by 10% instead.



 65D766

 65D766


FFFFFF

 46BB4C

 A0FF9B

 229F32

 BDFFB7

 008417

 DBFFD3

 006A00

 F9FFF0

 005100

 003900

 002100

 000000

 65D766

 65D766

 4FD751

 7AD77B

 3AD73B

 90D791

 24D726

 A5D7A6

 0FD711

 BBD7BB

 00D702

 D1D7D1

 E6D7E6

 FCD7FB

 FFD7FF

# Harmonies

## Analogous

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



B7CA36



65D766



00DEA7

# Triad

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



65D766



00CDFE



FF8496

# Complementary

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



65D766



D765D6

# 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.



FF84D8



65D766



99B7FF

# Square

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



65D766



00DAFF



FA9AFF



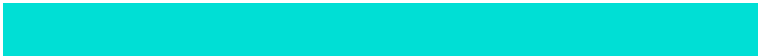
FF9A5B

# Rectangle

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



65D766



00DFD5



FA9AFF



FF81AB

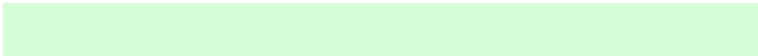


# Sweetspot

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



65D766



D6FFD7



D7D765



678067



000000



808080



# Same Dimension

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



65D766



5CFF5D



65D79E



606B60



00AB01



002B00



# Inverse Universe

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



D765D6



FF5CFE



D7659E



6B606B



AB00A9



2B002B



# Previews

## White Background



This preview shows how the Hex color 65D766 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 65D766 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

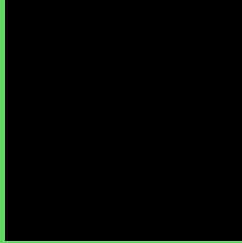
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65D766 Background



This preview shows how black text looks on a background with the Hex color 65D766.

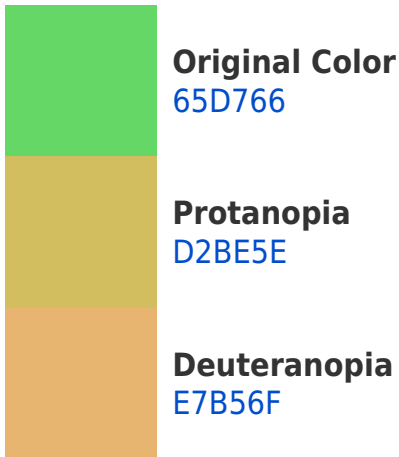


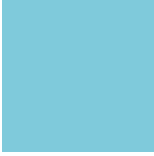
This preview shows how white text looks on a background with the Hex color 65D766.

# Color Blindness Simulation

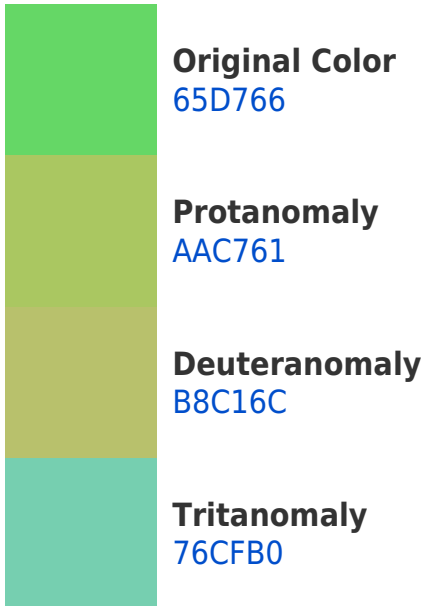
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

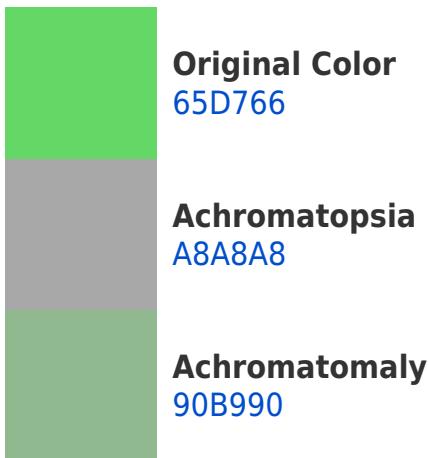




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65D766 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 #65D766 looks like.

```
.text, #text, p{  
    color:#65D766  
}
```

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 #65D766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65D766
}
```

## Border

The CSS property to change the border of an element to Hex 65D766 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
#65D766 }
```

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

```
.border{ border-color:#65D766 }
```

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

Here you see how a box with a 4 pixel #65D766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65D766; -webkit-box-shadow:4px 4px  
4px 4px #65D766; box-shadow:4px 4px 4px  
4px #65D766 }
```

# Background

The CSS property to change the background color of an element to Hex 65D766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65D766 }
```

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

```
.background{ background-color:#65D766 }
```

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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