

# Converting Colors

Hex(85D062)

Have a look what the booklet for  
Hex(85D062) contains.

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**Color**

**Hex(85D062)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85D062
RGB	133, 208, 98
RGB Percent	52%, 82%, 38%
CMY	0.4784, 0.1843, 0.6157
CMYK	0.36, 0.00, 0.53, 0.18
HSL	101°, 54%, 60%
HSV	101°, 53%, 82%
XYZ	34.4333, 50.9801, 19.5806
YIQ	173.0350, -9.3900, -50.1100

# Conversions

## Conversions Part 2

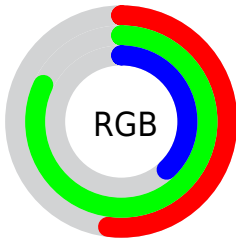
Format	Color
<b>RYB</b>	98, 208, 173
Decimal	8769634
CIELab	76.67, -42.99, 46.88
CIElCh	77, 63.608, 132.520
Yxy	50.9801, 0.3280, 0.4856
Android (android.graphics.Color)	4286959714 (0xFF85D062)
YUV	173.0350, -36.9923, -35.1107
Hunter-Lab	71.4004, -38.8677, 33.7208

# Details

The Hex color **85D062** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **AD62D0**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **BDFF97**, and **4E992E** is the 20% darker color. If you saturate the color by 10%, you get **77D04D**, and if you desaturate by 10%, it is **93D077**.

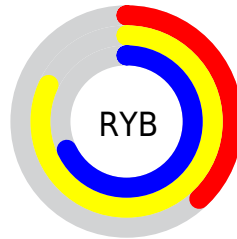
# Distribution



Red (52%)

Green (82%)

Blue (38%)



Red (38%)

Yellow (82%)

Blue (68%)

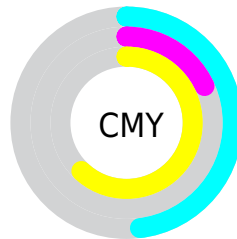


Cyan (36%)

Magenta (0%)

Yellow (53%)

Black (18%)



Cyan (48%)

Magenta (18%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85D062 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 85D062 by changing the saturation by 10% instead.



 85D062

 85D062

FFFFFF

 69B448

 BDFF97

 4E992E

 DAFFB3

 317F11

 F8FFCF

 0D6500

 FFFFEC

 004C00

 003500

 001F00

 000000

 85D062

 85D062

 77D04D

 93D077

 69D038

 A1D08C

 5AD024

 B0D0A0

 4CD00F

 BED0B5

 42D000

 CCD0CA

 DAD0DF

 E8D0F4

 F6D0FF

 FFD0FF

# Harmonies

## Analogous

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



C6C242



85D062



00D898

# Triad

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



85D062



00CDFE



FF89A7

# Complementary

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



85D062



AD62D0

# 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.



FF8EE2



85D062



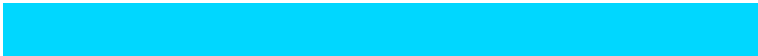
7FBBFF

# Square

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



85D062



00D7FF



E1A3FF



FF9770

# Rectangle

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



85D062



00DAC0



E1A3FF



FF88BB

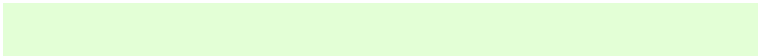


# Sweetspot

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



85D062



E3FFD6



D0AB62



6F8067



000000



808080



# Same Dimension

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



85D062



91FF5E



62D074



61695E



36A800



0D2900



# Inverse Universe

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



AD62D0



CC5EFF



D062BE



655E69



7300A8



1C0029



# Previews

## White Background



This preview shows how the Hex color 85D062 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 85D062 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 85D062 Background



This preview shows how black text looks on a background with the Hex color 85D062.

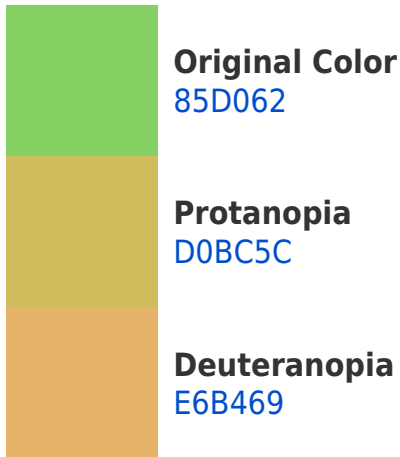


This preview shows how white text looks on a background with the Hex color 85D062.

# 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](#).

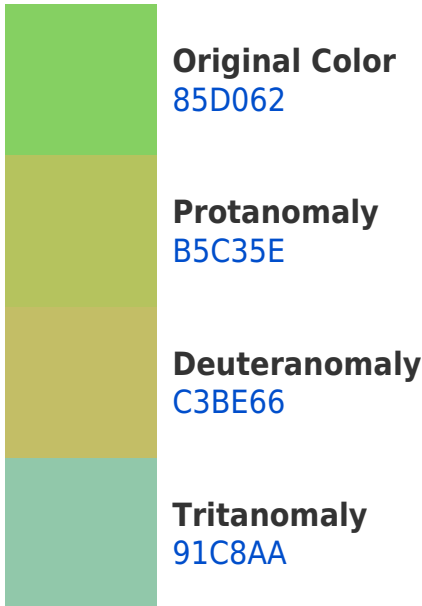
## Dichromacy



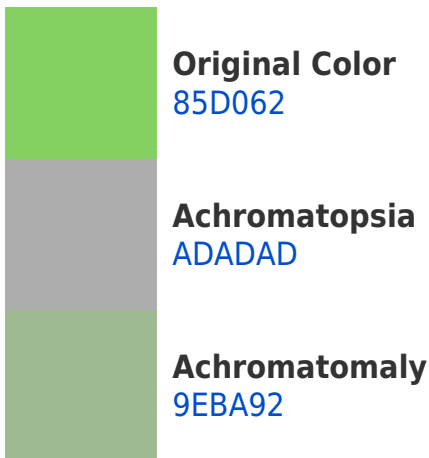


**Tritanopia**  
98C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85D062 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 #85D062 looks like.

```
.text, #text, p{  
    color:#85D062  
}
```

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 #85D062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D062
}
```

## Border

The CSS property to change the border of an element to Hex 85D062 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
#85D062 }
```

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

```
.border{ border-color:#85D062 }
```

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

Here you see how a box with a 4 pixel #85D062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D062; -webkit-box-shadow:4px 4px  
4px 4px #85D062; box-shadow:4px 4px 4px  
4px #85D062 }
```

# Background

The CSS property to change the background color of an element to Hex 85D062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D062 }
```

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

```
.background{ background-color:#85D062 }
```

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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