

Converting Colors

Hex(85D762)

Have a look what the booklet for
Hex(85D762) contains.

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Color

Hex(85D762)

Conversions

Conversions Part 1

Format	Color
Hex	85D762
RGB	133, 215, 98
RGB Percent	52%, 84%, 38%
CMY	0.4784, 0.1569, 0.6157
CMYK	0.38, 0.00, 0.54, 0.16
HSL	102°, 59%, 61%
HSV	102°, 54%, 84%
XYZ	36.1779, 54.4693, 20.1621
YIQ	177.1440, -11.3150, -53.7710

Conversions

Conversions Part 2

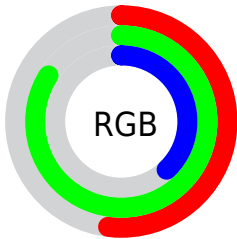
Format	Color
RYB	98, 215, 180
Decimal	8771426
CIELab	78.73, -45.98, 49.34
CIELCh	79, 67.443, 132.982
Yxy	54.4693, 0.3265, 0.4916
Android (android.graphics.Color)	4286961506 (0xFF85D762)
YUV	177.1440, -39.0180, -38.7143
Hunter-Lab	73.8033, -41.6562, 35.4650

Details

The Hex color **85D762** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **B462D7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **BEFF98**, and **4DA02D** is the 20% darker color. If you saturate the color by 10%, you get **76D74D**, and if you desaturate by 10%, it is **94D778**.

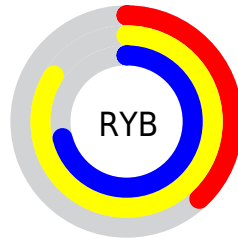
Distribution



Red (52%)

Green (84%)

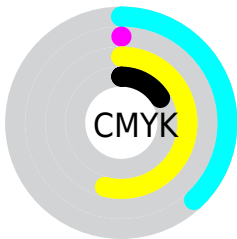
Blue (38%)



Red (38%)

Yellow (84%)

Blue (71%)

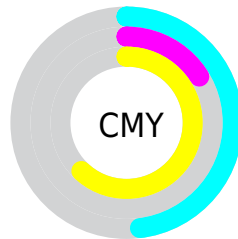


Cyan (38%)

Magenta (0%)

Yellow (54%)

Black (16%)



Cyan (48%)

Magenta (16%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85D762 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 85D762 by changing the saturation by 10% instead.

 85D762

 85D762

FFFFFF

 69BB48

 BEFF98

 4DA02D

 DBFFB3

 2F850F

 F9FFCF

 046B00

 FFFFEC

 005200

 003A00

 002500

 000000

 85D762

 85D762

 76D74D

 94D778

 67D737

 A3D78D

 58D722

 B2D7A3

 49D70C

 C1D7B8

 40D700

 D0D7CE

 DFD7E3

 EED7F9

 FED7FF

 FFD7FF

Harmonies

Analogous

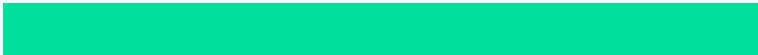
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CBC83E



85D762



00DF9C

Triad

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



85D762



00D4FF



FF8AAA

Complementary

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



85D762



B462D7

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.



FF90E9



85D762



81C0FF

Square

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



85D762



00DEFF



EAA7FF



FF9A70

Rectangle

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



85D762



00E1C7



EAA7FF



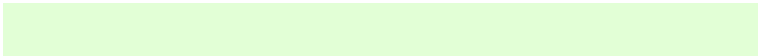
FF89BF

Sweetspot

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



85D762



E2FFD6



D7B462



6F8067



000000



808080

Same Dimension

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



85D762



8BFF59



62D779



646B60



33AB00



0D2B00

Inverse Universe

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



B462D7



CD59FF



D762C0



68606B



7800AB



1E002B

Previews

White Background



This preview shows how the Hex color 85D762 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 85D762 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 85D762 Background



This preview shows how black text looks on a background with the Hex color 85D762.

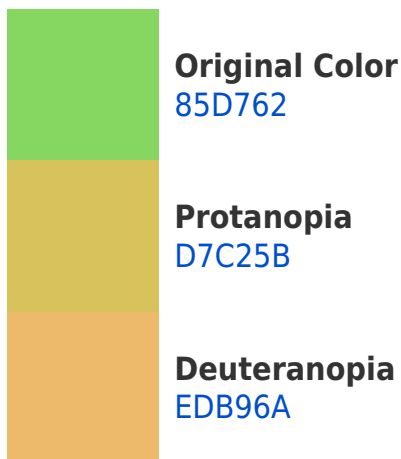


This preview shows how white text looks on a background with the Hex color 85D762.

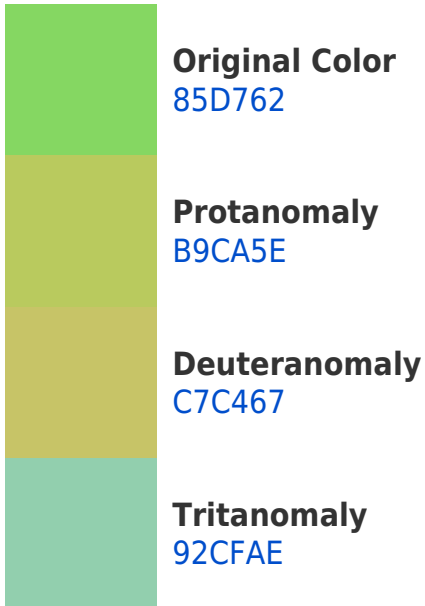
Color Blindness Simulation

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](#).

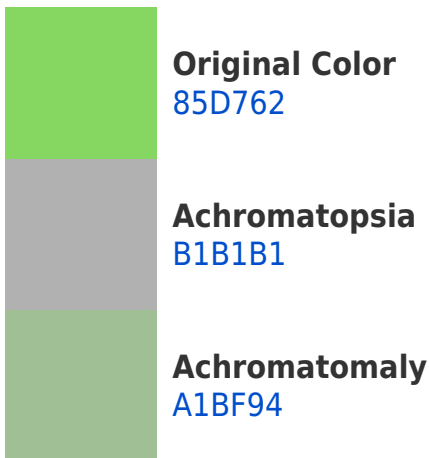
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85D762 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 #85D762 looks like.

```
.text, #text, p{  
    color:#85D762  
}
```

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 #85D762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D762
}
```

Border

The CSS property to change the border of an element to Hex 85D762 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
#85D762 }
```

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

```
.border{ border-color:#85D762 }
```

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

Here you see how a box with a 4 pixel #85D762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D762; -webkit-box-shadow:4px 4px  
4px 4px #85D762; box-shadow:4px 4px 4px  
4px #85D762 }
```

Background

The CSS property to change the background color of an element to Hex 85D762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D762 }
```

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

```
.background{ background-color:#85D762 }
```

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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