

Converting Colors

Hex(85D856)

Have a look what the booklet for
Hex(85D856) contains.

Hex(85D856)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(85D856)

Conversions

Conversions Part 1

Format	Color
Hex	85D856
RGB	133, 216, 86
RGB Percent	52%, 85%, 34%
CMY	0.4784, 0.1529, 0.6627
CMYK	0.38, 0.00, 0.60, 0.15
HSL	98°, 62%, 59%
HSV	98°, 60%, 85%
XYZ	35.9084, 54.7702, 17.4832
YIQ	176.3630, -7.7380, -58.0260

Conversions

Conversions Part 2

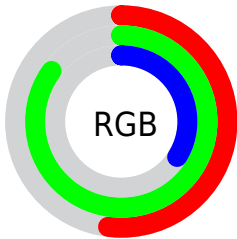
Format	Color
RYB	86, 216, 169
Decimal	8771670
CIELab	78.91, -47.63, 54.93
CIElCh	79, 72.706, 130.930
Yxy	54.7702, 0.3320, 0.5064
Android (android.graphics.Color)	4286961750 (0xFF85D856)
YUV	176.3630, -44.5490, -38.0294
Hunter-Lab	74.0069, -42.9031, 37.7983

Details

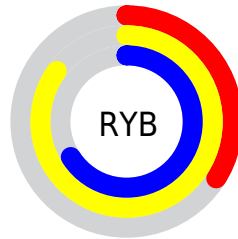
The Hex color **85D856** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **A956D8**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BEFF8C**, and **4CA01E** is the 20% darker color. If you saturate the color by 10%, you get **77D840**, and if you desaturate by 10%, it is **93D86C**.

Distribution



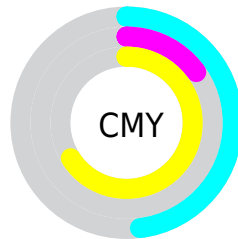
- Red (52%)
- Green (85%)
- Blue (34%)



- Red (34%)
- Yellow (85%)
- Blue (66%)



- Cyan (38%)
- Magenta (0%)
- Yellow (60%)
- Black (15%)



- Cyan (48%)
- Magenta (15%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85D856 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 85D856 by changing the saturation by 10% instead.



85D856



85D856

FFFFFF



69BC3B



BEFF8C



4CA01E



DCFFA8



2D8600



F9FFC4



006C00



FFFFE0



005300

FFFFFFE



003B00



002500



000000



85D856



85D856

 77D840

 93D86C

 69D82B

 A1D881

 5CD815

 AED897

 4ED800

 BCD8AC

 CAD8C2

 D8D8D8

 E6D8ED

 F3D8FF

 FFD8FF

Harmonies

Analogous

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



CFC82E



85D856



00E195

Triad

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



85D856



00D7FF



FF84AD

Complementary

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



85D856



A956D8

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.



FF8CF1



85D856



69C3FF

Square

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



85D856



00E1FF



E7A7FF



FF956E

Rectangle

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



85D856



00E4C3



E7A7FF



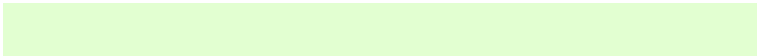
FF83C4

Sweetspot

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



85D856



E2FFD1



D8A856



6E8063



000000



808080

Same Dimension

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



85D856



8AFF47



56D867



646B60



3EAB00



102B00

Inverse Universe

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



A956D8



BD47FF



D856C7



67606B



6D00AB



1C002B

Previews

White Background



This preview shows how the Hex color 85D856 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 85D856 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 85D856 Background



This preview shows how black text looks on a background with the Hex color 85D856.

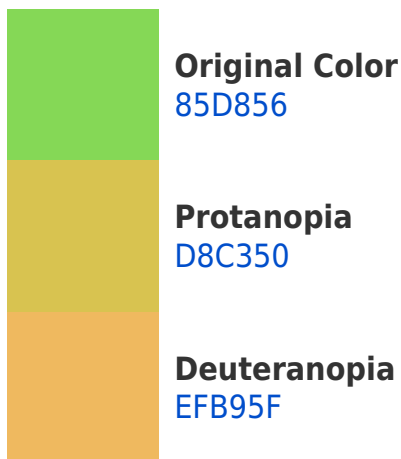


This preview shows how white text looks on a background with the Hex color 85D856.

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
9ACBDB

Trichromacy



Original Color
85D856



Protanomaly
BACB52



Deuteranomaly
C8C45C



Tritanomaly
92D0AB

Monochromacy



Original Color
85D856



Achromatopsia
B0B0B0



Achromatomaly
A0BF8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 85D856 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 #85D856 looks like.

```
.text, #text, p{  
    color:#85D856  
}
```

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 #85D856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D856
}
```

Border

The CSS property to change the border of an element to Hex 85D856 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
#85D856 }
```

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

```
.border{ border-color:#85D856 }
```

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

Here you see how a box with a 4 pixel #85D856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D856; -webkit-box-shadow:4px 4px  
4px 4px #85D856; box-shadow:4px 4px 4px  
4px #85D856 }
```

Background

The CSS property to change the background color of an element to Hex 85D856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D856 }
```

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

```
.background{ background-color:#85D856 }
```

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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