

Converting Colors

Hex(86D848)

Have a look what the booklet for
Hex(86D848) contains.

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Color

Hex(86D848)

Conversions

Conversions Part 1

Format	Color
Hex	86D848
RGB	134, 216, 72
RGB Percent	53%, 85%, 28%
CMY	0.4745, 0.1529, 0.7176
CMYK	0.38, 0.00, 0.67, 0.15
HSL	94°, 65%, 56%
HSV	94°, 67%, 85%
XYZ	35.5571, 54.6479, 14.8049
YIQ	175.0660, -2.6480, -62.1680

Conversions

Conversions Part 2

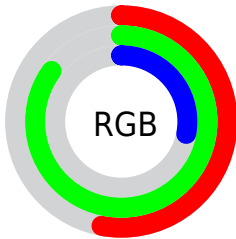
Format	Color
RYB	72, 216, 154
Decimal	8837192
CIELab	78.84, -48.51, 60.67
CIELCh	79, 77.680, 128.645
Yxy	54.6479, 0.3386, 0.5204
Android (android.graphics.Color)	4287027272 (0xFF86D848)
YUV	175.0660, -50.8115, -36.0149
Hunter-Lab	73.9242, -43.5101, 39.8729

Details

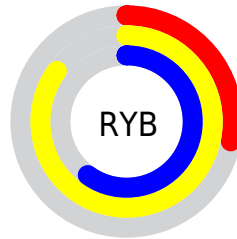
The Hex color **86D848** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **9A48D8**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **C0FF7F**, and **4CA000** is the 20% darker color. If you saturate the color by 10%, you get **7AD832**, and if you desaturate by 10%, it is **92D85E**.

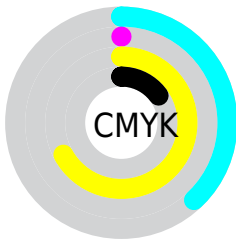
Distribution



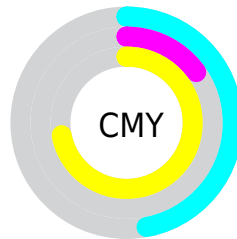
- Red (53%)
- Green (85%)
- Blue (28%)



- Red (28%)
- Yellow (85%)
- Blue (60%)



- Cyan (38%)
- Magenta (0%)
- Yellow (67%)
- Black (15%)



- Cyan (47%)
- Magenta (15%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86D848 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 86D848 by changing the saturation by 10% instead.



86D848



86D848

FFFFFF



69BC2B



C0FF7F



4CA000



D0FF9B



2D8600



FBFFB7



006C00



FFFFD4



005300



FFFFF1



003B00



002500



000000



86D848



86D848

 7AD832

 92D85E

 6DD81D

 9FD873

 61D807

 ABD889

 5DD800

 B7D89E

 C4D8B4

 D0D8CA

 DCD8DF

 E8D8F5

 F5D8FF

Harmonies

Analogous

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



D4C618



86D848



00E28C

Triad

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



86D848



00D9FF



FF7CB1

Complementary

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



86D848



9A48D8

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.



FF88F9



86D848



3FC5FF

Square

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



86D848



00E3FF



E1A7FF



FF8E6C

Rectangle

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



86D848



00E5BD



E1A7FF



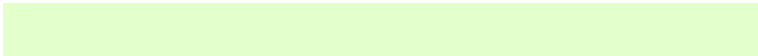
FF7CCA

Sweetspot

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



86D848



E2FFCC



D89A48



6E8061



000000



808080

Same Dimension

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



86D848



8BFF33



48D852



656B60



4AAB00



132B00

Inverse Universe

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



9A48D8



A733FF



D848CE



66606B



6100AB



19002B

Previews

White Background



This preview shows how the Hex color 86D848 looks on a white background.

Color Contrast Check

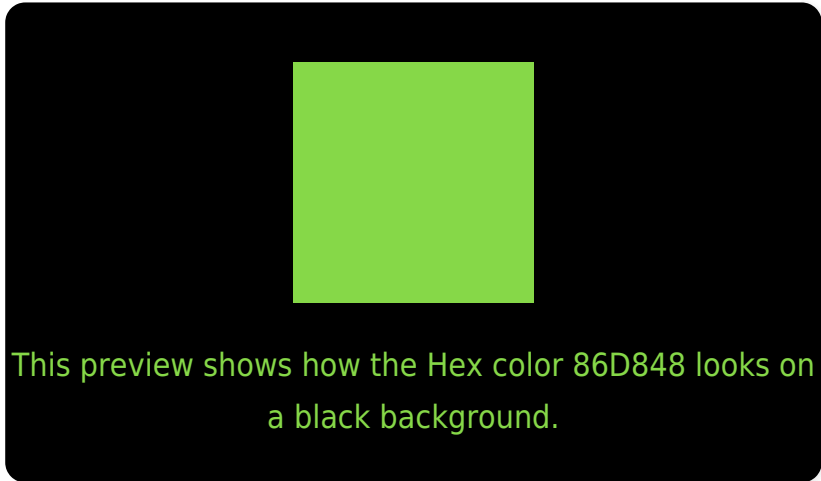
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 86D848 Background



This preview shows how black text looks on a background with the Hex color 86D848.

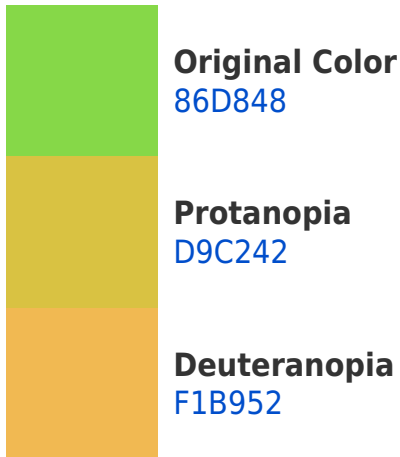


This preview shows how white text looks on a background with the Hex color 86D848.

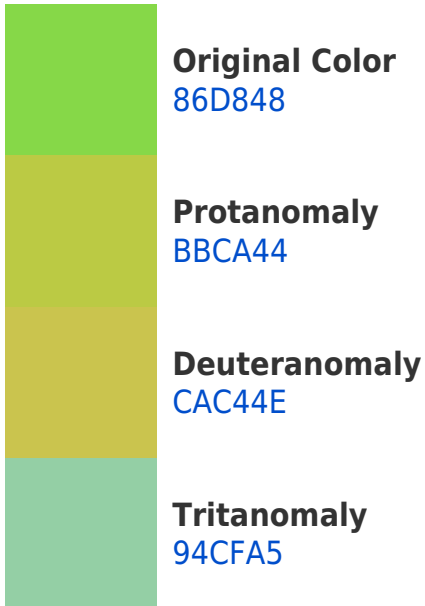
Color Blindness Simulation

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](#).

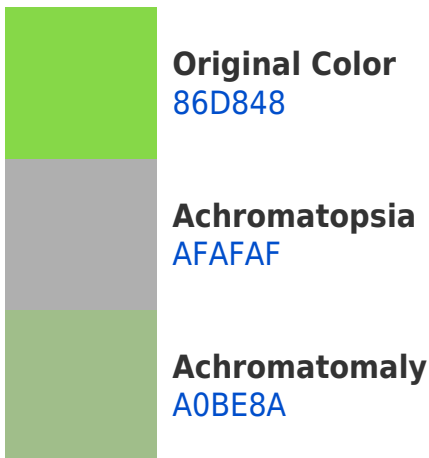
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86D848 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 #86D848 looks like.

```
.text, #text, p{  
    color:#86D848  
}
```

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 #86D848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86D848  
}
```

Border

The CSS property to change the border of an element to Hex 86D848 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  
#86D848 }
```

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

```
.border{ border-color:#86D848 }
```

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

Here you see how a box with a 4 pixel #86D848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86D848; -webkit-box-shadow:4px 4px  
4px 4px #86D848; box-shadow:4px 4px 4px  
4px #86D848 }
```

Background

The CSS property to change the background color of an element to Hex 86D848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86D848 }
```

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

```
.background{ background-color:#86D848 }
```

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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