

Converting Colors

Hex(86D03C)

Have a look what the booklet for
Hex(86D03C) contains.

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Color

Hex(86D03C)

Conversions

Conversions Part 1

Format	Color
Hex	86D03C
RGB	134, 208, 60
RGB Percent	53%, 82%, 24%
CMY	0.4745, 0.1843, 0.7647
CMYK	0.36, 0.00, 0.71, 0.18
HSL	90°, 61%, 53%
HSV	90°, 71%, 82%
XYZ	33.2030, 50.5063, 12.2737
YIQ	169.0020, 3.4040, -61.7160

Conversions

Conversions Part 2

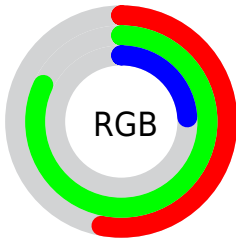
Format	Color
RYB	60, 208, 134
Decimal	8835132
CIELab	76.38, -46.04, 62.66
CIELCh	76, 77.759, 126.309
Yxy	50.5063, 0.3459, 0.5262
Android (android.graphics.Color)	4287025212 (0xFF86D03C)
YUV	169.0020, -53.7380, -30.6968
Hunter-Lab	71.0678, -40.9731, 39.5079

Details

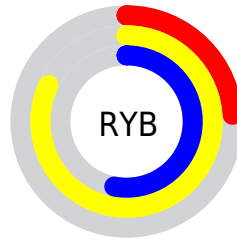
The Hex color **86D03C** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **863CD0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C0FF74**, and **4D9900** is the 20% darker color. If you saturate the color by 10%, you get **7CD027**, and if you desaturate by 10%, it is **90D051**.

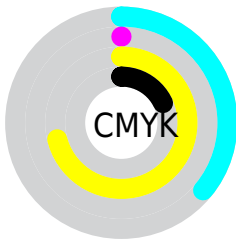
Distribution



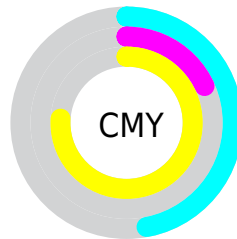
- Red (53%)
- Green (82%)
- Blue (24%)



- Red (24%)
- Yellow (82%)
- Blue (53%)



- Cyan (36%)
- Magenta (0%)
- Yellow (71%)
- Black (18%)



- Cyan (47%)
- Magenta (18%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86D03C 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 86D03C by changing the saturation by 10% instead.

 86D03C

 86D03C

FFFFFF

 6AB41C

 C0FF74

 4D9900

 DDF90

 2E7F00

 FBFFAC

 056500

 FFFFC8

 004C00

 FFFFEE

 003500

 001E00

 000000

 86D03C

 86D03C

■ 7CD027

■ 90D051

■ 71D012

■ 9BD066

■ 68D000

■ A5D07A

■ B0D08F

■ BAD0A4

■ C4D0B9

■ CFD0CE

■ D9D0E2

■ E4D0F7

Harmonies

Analogous

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



D2BE04



86D03C



00DA7F

Triad

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



86D03C



00D3FF



FF74B0

Complementary

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



86D03C



863CD0

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.



FF82F8



86D03C



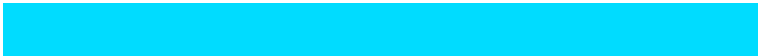
00C0FF

Square

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



86D03C



00DCFF



D2A2FF



FF856B

Rectangle

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



86D03C



00DDB1



D2A2FF



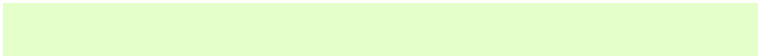
FF75C8

Sweetspot

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



86D03C



E4FFC9



D0863C



708060



000000



808080

Same Dimension

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



86D03C



93FF26



3CD03C



63695E



54A800



142900

Inverse Universe

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



863CD0



9326FF



D03CD0



635E69



5400A8



140029

Previews

White Background



This preview shows how the Hex color 86D03C looks on a white background.

Color Contrast Check

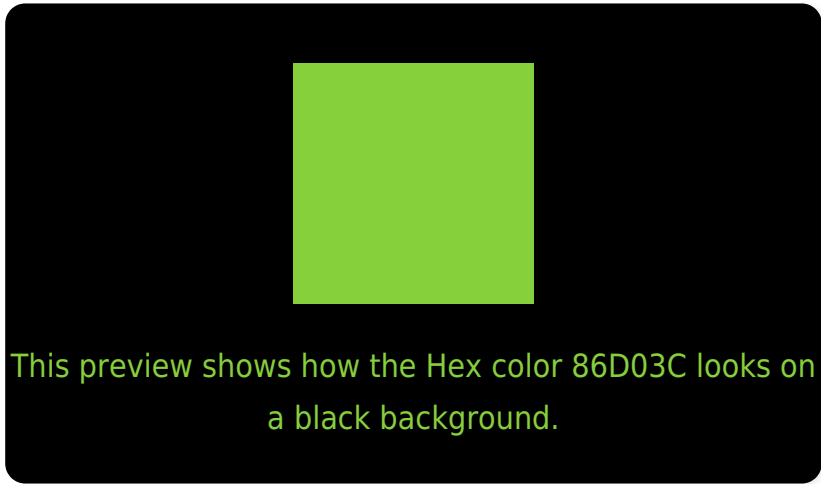
Large Text (above 18pt) WCAG AA × Fail

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 86D03C Background



This preview shows how black text looks on a background with the Hex color 86D03C.

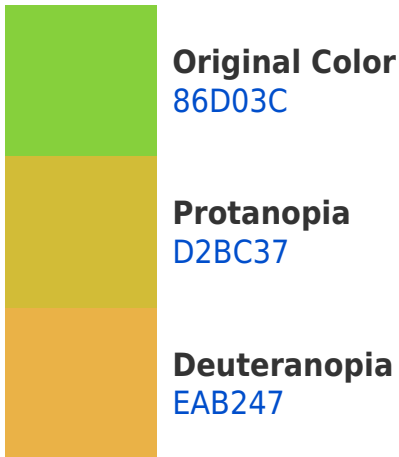


This preview shows how white text looks on a background with the Hex color 86D03C.

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](#).

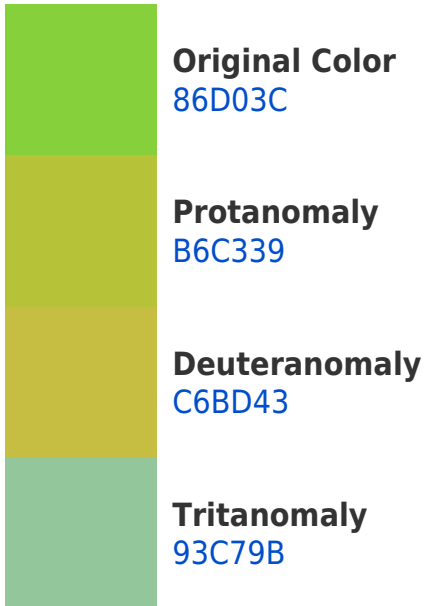
Dichromacy





Tritanopia
9BC2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86D03C 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 #86D03C looks like.

```
.text, #text, p{  
    color:#86D03C  
}
```

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 #86D03C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86D03C
}
```

Border

The CSS property to change the border of an element to Hex 86D03C 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
#86D03C }
```

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

```
.border{ border-color:#86D03C }
```

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

Here you see how a box with a 4 pixel #86D03C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86D03C; -webkit-box-shadow:4px 4px  
4px 4px #86D03C; box-shadow:4px 4px 4px  
4px #86D03C }
```

Background

The CSS property to change the background color of an element to Hex 86D03C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86D03C }
```

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

```
.background{ background-color:#86D03C }
```

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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