

Converting Colors

Hex(86B846)

Have a look what the booklet for
Hex(86B846) contains.

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Color

Hex(86B846)

Conversions

Conversions Part 1

Format	Color
Hex	86B846
RGB	134, 184, 70
RGB Percent	53%, 72%, 27%
CMY	0.4745, 0.2784, 0.7255
CMYK	0.27, 0.00, 0.62, 0.28
HSL	86°, 45%, 50%
HSV	86°, 62%, 72%
XYZ	28.0775, 39.7915, 11.9950
YIQ	156.0540, 6.7940, -46.0540

Conversions

Conversions Part 2

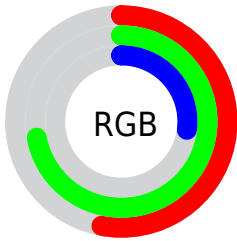
Format	Color
RYB	70, 184, 120
Decimal	8828998
CIELab	69.32, -34.76, 51.23
CIElCh	69, 61.910, 124.160
Yxy	39.7915, 0.3516, 0.4982
Android (android.graphics.Color)	4287019078 (0xFF86B846)
YUV	156.0540, -42.4246, -19.3414
Hunter-Lab	63.0805, -30.9395, 32.8821

Details

The Hex color **86B846** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7846B8**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **BEF07B**, and **50830B** is the 20% darker color. If you saturate the color by 10%, you get **7EB834**, and if you desaturate by 10%, it is **8EB858**.

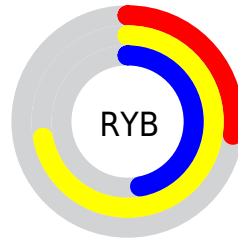
Distribution



Red (53%)

Green (72%)

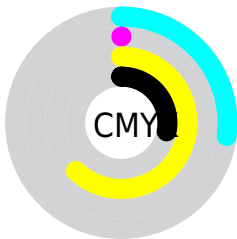
Blue (27%)



Red (27%)

Yellow (72%)

Blue (47%)

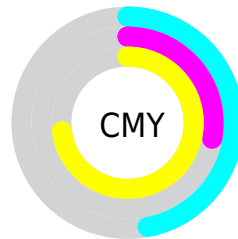


Cyan (27%)

Magenta (0%)

Yellow (62%)

Black (28%)



Cyan (47%)

Magenta (28%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B846 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 86B846 by changing the saturation by 10% instead.



86B846



86B846

FFFFFF



6B9D2B



BEF07B



50830B



DBFF96



356900



F8FFB1



1A5100



FFFFCE



003900



FFFEEA



002500



000000



86B846



86B846



7EB834



8EB858

 76B821

 96B86B

 6EB80F

 9EB87D

 67B800

 A6B890

 AEB8A2

 B6B8B4

 BEB8C7

 C7B8D9

 CFB8EC

Harmonies

Analogous

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



C0A92F



86B846



26C176

Triad

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



86B846



00BCFF



FF75A4

Complementary

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



86B846



7846B8

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.



F480DB



86B846



39ADFF

Square

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



86B846



00C3E7



B697FF



FF7F6D

Rectangle

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



86B846



00C49C



B697FF



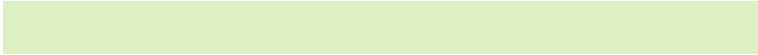
FF77B7

Sweetspot

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



86B846



DCF0C2



B87746



6C785C



F7F7F7



787878

Same Dimension

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



86B846



A2F03E



4EB846



585C53



579C00



101C00

Inverse Universe

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



7846B8



8C3EF0



B046B8



57535C



44009C



0C001C

Previews

White Background



This preview shows how the Hex color 86B846 looks on a white background.

Color Contrast Check

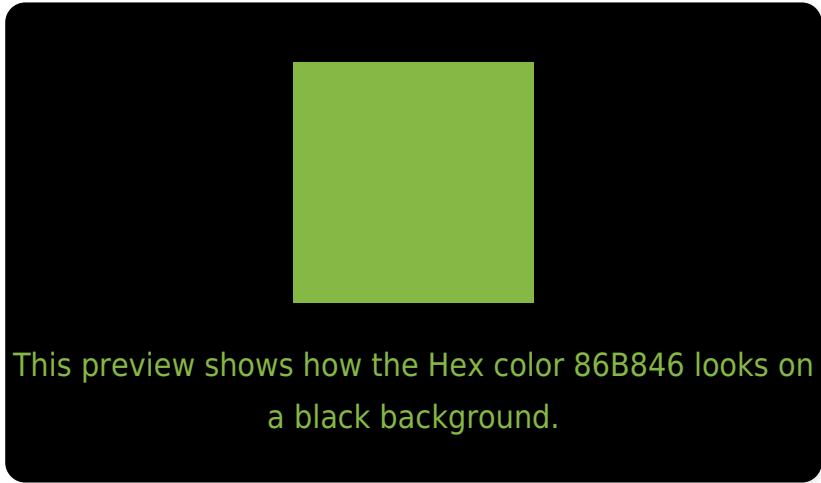
Large Text (above 18pt) WCAG AA × Fail

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 86B846 Background



This preview shows how black text looks on a background with the Hex color 86B846.

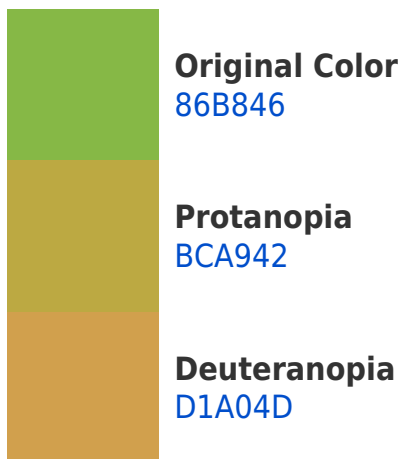


This preview shows how white text looks on a background with the Hex color 86B846.

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



Original Color
86B846

Protanomaly
A8AE43

Deuteranomaly
B6A94A

Tritanomaly
90B090

Monochromacy



Original Color
86B846

Achromatopsia
9C9C9C

Achromatomaly
94A67D

CSS Examples

Text

The CSS property to change the color of the text to Hex 86B846 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 #86B846 looks like.

```
.text, #text, p{  
    color:#86B846  
}
```

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 #86B846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B846
}
```

Border

The CSS property to change the border of an element to Hex 86B846 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
#86B846 }
```

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

```
.border{ border-color:#86B846 }
```

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

Here you see how a box with a 4 pixel #86B846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B846; -webkit-box-shadow:4px 4px  
4px 4px #86B846; box-shadow:4px 4px 4px  
4px #86B846 }
```

Background

The CSS property to change the background color of an element to Hex 86B846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B846 }
```

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

```
.background{ background-color:#86B846 }
```

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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