

Converting Colors

Hex(86C747)

Have a look what the booklet for
Hex(86C747) contains.

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Color

Hex(86C747)

Conversions

Conversions Part 1

Format	Color
Hex	86C747
RGB	134, 199, 71
RGB Percent	53%, 78%, 28%
CMY	0.4745, 0.2196, 0.7216
CMYK	0.33, 0.00, 0.64, 0.22
HSL	90°, 53%, 53%
HSV	90°, 64%, 78%
XYZ	31.3923, 46.3701, 13.2570
YIQ	164.9730, 2.3480, -53.5880

Conversions

Conversions Part 2

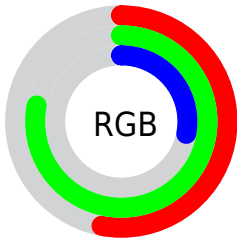
Format	Color
RYB	71, 199, 136
Decimal	8832839
CIELab	73.79, -41.39, 55.67
CIElCh	74, 69.372, 126.625
Yxy	46.3701, 0.3449, 0.5095
Android (android.graphics.Color)	4287022919 (0xFF86C747)
YUV	164.9730, -46.3287, -27.1633
Hunter-Lab	68.0956, -36.8783, 36.1242

Details

The Hex color **86C747** 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 **8847C7**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **BFFF7D**, and **4E9106** is the 20% darker color. If you saturate the color by 10%, you get **7CC733**, and if you desaturate by 10%, it is **90C75B**.

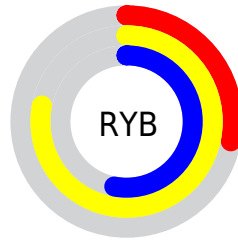
Distribution



Red (53%)

Green (78%)

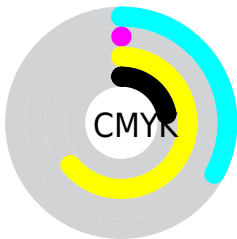
Blue (28%)



Red (28%)

Yellow (78%)

Blue (53%)

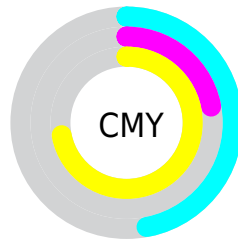


Cyan (33%)

Magenta (0%)

Yellow (64%)

Black (22%)



Cyan (47%)

Magenta (22%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C747 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 86C747 by changing the saturation by 10% instead.

 86C747

 86C747

FFFFFF

 6AAB2B


 BFFF7D

 4E9106

 DCFF98

 327700

 F9FFB4

 115D00

 FFFF00

 004500

 FFFFED

 002E00

 001600

 000000

 86C747

 86C747

 7CC733

 90C75B

 72C71F

 9AC76F

 68C70B

 A4C783

 62C700

 AEC797

 B9C7AB

 C3C7BE

 CDC7D2

 D7C7E6

 E1C7FA

Harmonies

Analogous

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



C9B726



86C747



00D080

Triad

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



86C747



00C9FF



FF79AA

Complementary

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



86C747



8847C7

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.



FF84E9



86C747



3DB8FF

Square

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



86C747



00D2FF



CA9EFF



FF866D

Rectangle

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



86C747



00D3AC



CA9EFF



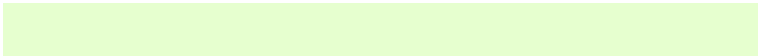
FF79BF

Sweetspot

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



86C747



E6FFCF



C78747



718062



000000



808080

Same Dimension

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



86C747



9BFF3B



47C747



5E635A



50A300



122400

Inverse Universe

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



8847C7



9E3BFF



C747C7



5F5A63



5300A3



120024

Previews

White Background



This preview shows how the Hex color 86C747 looks on a white background.

Color Contrast Check

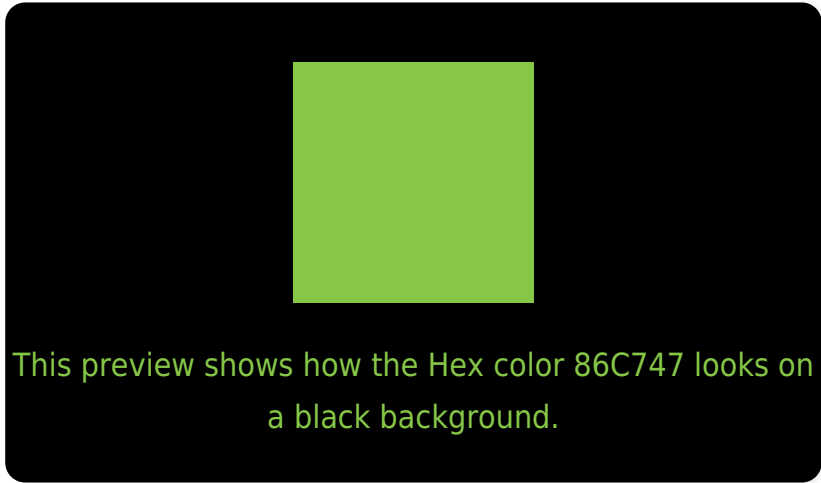
Large Text (above 18pt) WCAG AA × Fail

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 86C747 Background



This preview shows how black text looks on a background with the Hex color 86C747.

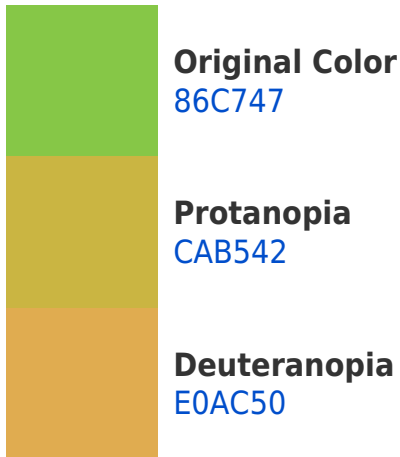


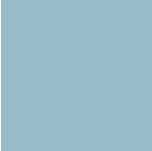
This preview shows how white text looks on a background with the Hex color 86C747.

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
98BAC9

Trichromacy



Original Color
86C747



Protanomaly
B1BC44



Deuteranomaly
BFB64D



Tritanomaly
91BF9A

Monochromacy



Original Color
86C747



Achromatopsia
A5A5A5



Achromatomaly
9AB183

CSS Examples

Text

The CSS property to change the color of the text to Hex 86C747 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 #86C747 looks like.

```
.text, #text, p{  
    color:#86C747  
}
```

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 #86C747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C747
}
```

Border

The CSS property to change the border of an element to Hex 86C747 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
#86C747 }
```

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

```
.border{ border-color:#86C747 }
```

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

Here you see how a box with a 4 pixel #86C747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C747; -webkit-box-shadow:4px 4px  
4px 4px #86C747; box-shadow:4px 4px 4px  
4px #86C747 }
```

Background

The CSS property to change the background color of an element to Hex 86C747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C747 }
```

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

```
.background{ background-color:#86C747 }
```

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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