

Converting Colors

Hex(86AE3C)

Have a look what the booklet for
Hex(86AE3C) contains.

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Color

Hex(86AE3C)

Conversions

Conversions Part 1

Format	Color
Hex	86AE3C
RGB	134, 174, 60
RGB Percent	53%, 68%, 24%
CMY	0.4745, 0.3176, 0.7647
CMYK	0.23, 0.00, 0.66, 0.32
HSL	81°, 49%, 46%
HSV	81°, 66%, 68%
XYZ	25.7832, 35.6667, 9.8004
YIQ	149.0440, 12.7540, -43.9340

Conversions

Conversions Part 2

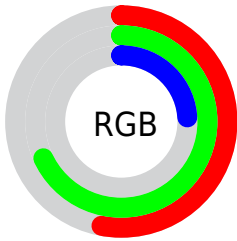
Format	Color
RYB	60, 174, 100
Decimal	8826428
CIELab	66.26, -30.92, 52.20
CIELCh	66, 60.673, 120.636
Yxy	35.6667, 0.3619, 0.5006
Android (android.graphics.Color)	4287016508 (0xFF86AE3C)
YUV	149.0440, -43.8987, -13.1936
Hunter-Lab	59.7216, -27.4502, 32.0755

Details

The Hex color **86AE3C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **643CAE**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **BEE671**, and **507900** is the 20% darker color. If you saturate the color by 10%, you get **80AE2B**, and if you desaturate by 10%, it is **8CAE4D**.

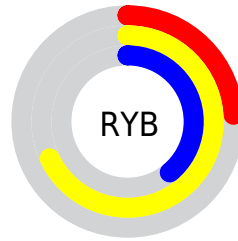
Distribution



Red (53%)

Green (68%)

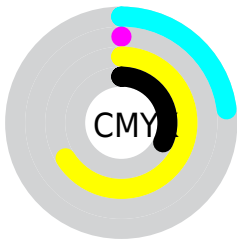
Blue (24%)



Red (24%)

Yellow (68%)

Blue (39%)

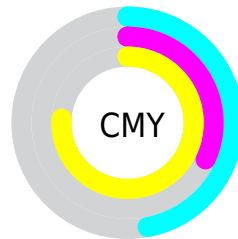


Cyan (23%)

Magenta (0%)

Yellow (66%)

Black (32%)



Cyan (47%)

Magenta (32%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86AE3C 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 86AE3C by changing the saturation by 10% instead.

 86AE3C

 86AE3C

FFFFFF

 6B9320

 BEE671

 507900

 DBFF8C

 366000

 F8FFA7

 1B4800

 FFFFC3

 003100

 FFFFEO

 001E00

FFFFFFD

 000000

 86AE3C

 86AE3C

 80AE2B

 8CAE4D

 7AAE19

 92AE5F

 74AE08

 98AE70

 71AE00

 9EAE82

 A5AE93

 ABAEA4

 B1AEB6

 B7AEC7

 BDAED9

Harmonies

Analogous

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



BD9F2A



86AE3C



33B769

Triad

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



86AE3C



00B4FF



FF6EA2

Complementary

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



86AE3C



643CAE

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.



E47BD7



86AE3C



00A7FF

Square

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



86AE3C



00BBD7



A392FF



FF766D

Rectangle

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



86AE3C



00BA8E



A392FF



FB71B5

Sweetspot

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



86AE3C



D3E3B6



AE643C



697357



F2F2F2



737373

Same Dimension

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



86AE3C



A4E330



4DAE3C



54574E



629600



0F1700

Inverse Universe

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



643CAE



6F30E3



9D3CAE



514E57



350096



080017

Previews

White Background



This preview shows how the Hex color 86AE3C looks on a white background.

Color Contrast Check

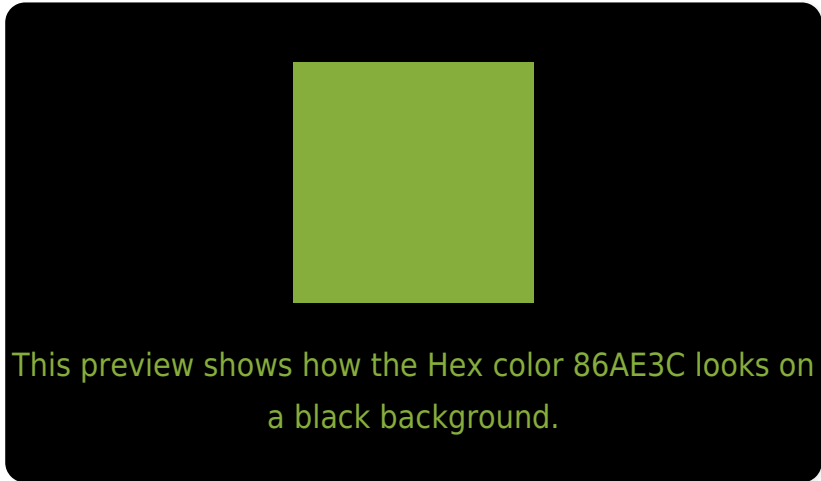
Large Text (above 18pt) WCAG AA × Fail

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 86AE3C Background



This preview shows how black text looks on a background with the Hex color 86AE3C.

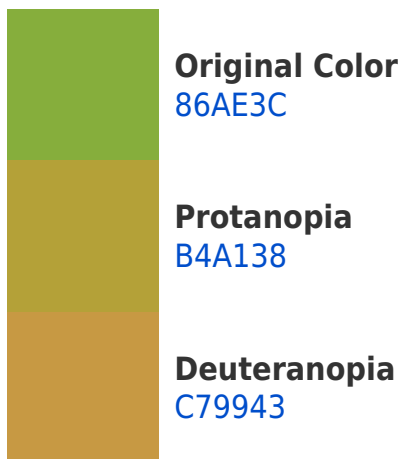


This preview shows how white text looks on a background with the Hex color 86AE3C.

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](#).

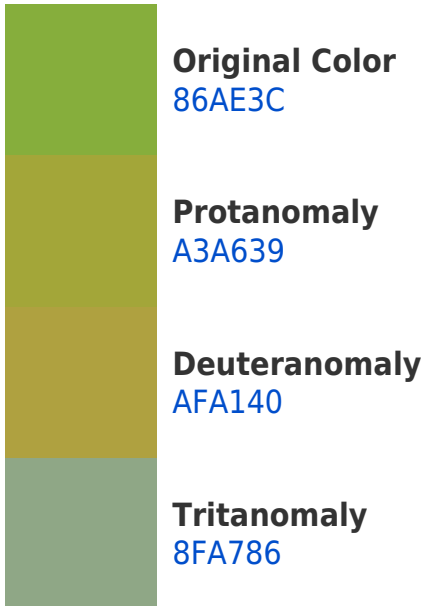
Dichromacy



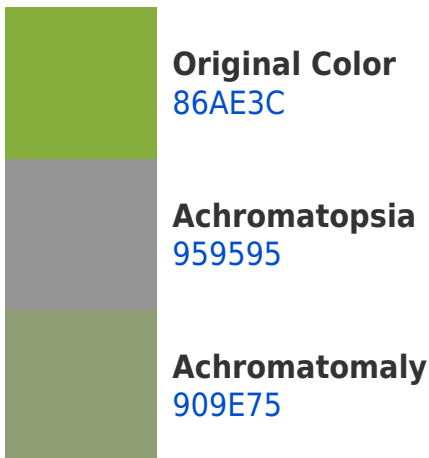


Tritanopia
94A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86AE3C 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 #86AE3C looks like.

```
.text, #text, p{  
    color:#86AE3C  
}
```

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 #86AE3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86AE3C
}
```

Border

The CSS property to change the border of an element to Hex 86AE3C 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
#86AE3C }
```

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

```
.border{ border-color:#86AE3C }
```

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

Here you see how a box with a 4 pixel #86AE3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86AE3C; -webkit-box-shadow:4px 4px  
4px 4px #86AE3C; box-shadow:4px 4px 4px  
4px #86AE3C }
```

Background

The CSS property to change the background color of an element to Hex 86AE3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86AE3C }
```

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

```
.background{ background-color:#86AE3C }
```

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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