

Converting Colors

Hex(86AB42)

Have a look what the booklet for
Hex(86AB42) contains.

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Color

Hex(86AB42)

Conversions

Conversions Part 1

Format	Color
Hex	86AB42
RGB	134, 171, 66
RGB Percent	53%, 67%, 26%
CMY	0.4745, 0.3294, 0.7412
CMYK	0.22, 0.00, 0.61, 0.33
HSL	81°, 44%, 46%
HSV	81°, 61%, 67%
XYZ	25.3778, 34.5875, 10.4928
YIQ	147.9670, 11.6530, -40.4990

Conversions

Conversions Part 2

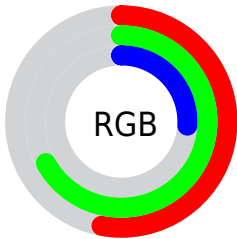
Format	Color
RYB	66, 171, 103
Decimal	8825666
CIELab	65.43, -29.01, 48.70
CIELCh	65, 56.683, 120.784
Yxy	34.5875, 0.3602, 0.4909
Android (android.graphics.Color)	4287015746 (0xFF86AB42)
YUV	147.9670, -40.4097, -12.2491
Hunter-Lab	58.8111, -25.8943, 30.5896

Details

The Hex color **86AB42** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6742AB**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **BDE276**, and **517707** is the 20% darker color. If you saturate the color by 10%, you get **80AB31**, and if you desaturate by 10%, it is **8CAB53**.

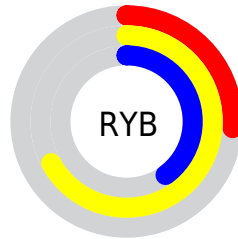
Distribution



Red (53%)

Green (67%)

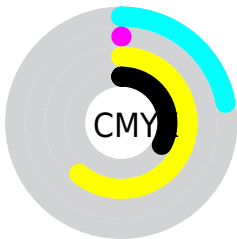
Blue (26%)



Red (26%)

Yellow (67%)

Blue (40%)

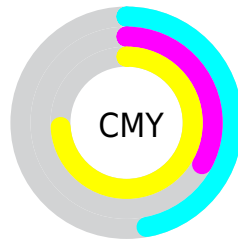


Cyan (22%)

Magenta (0%)

Yellow (61%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86AB42 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 86AB42 by changing the saturation by 10% instead.



86AB42



86AB42

FFFFFF



6B9028



BDE276



517707



DAFF91



375E00



F7FFAC



1D4600



FFFFC8



002F00



FFFFE5



001B00



000000



86AB42



86AB42



80AB31



8CAB53

■ 7AAB20

■ 92AB64

■ 74AB0F

■ 98AB75

■ 6FAB00

■ 9EAB86

■ A4AB97

■ AAABA9

■ B0ABBA

■ B6ABCB

■ BCABDC

Harmonies

Analogous

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



B99D32



86AB42



3DB46B

Triad

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



86AB42



00B1F7



FA71A0

Complementary

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



86AB42



6742AB

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.



DE7CD1



86AB42



28A4FF

Square

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



86AB42



00B7D1



A291F6



F9786E

Rectangle

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



86AB42



00B78D



A291F6



F473B1

Sweetspot

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



86AB42



D0DEB6



AB6742



687058



F0F0F0



707070

Same Dimension

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



86AB42



A4DE3A



52AB42



54574E



619600



0F1700

Inverse Universe

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



6742AB



743ADE



9B42AB



514E57



350096



080017

Previews

White Background



This preview shows how the Hex color 86AB42 looks on a white background.

Color Contrast Check

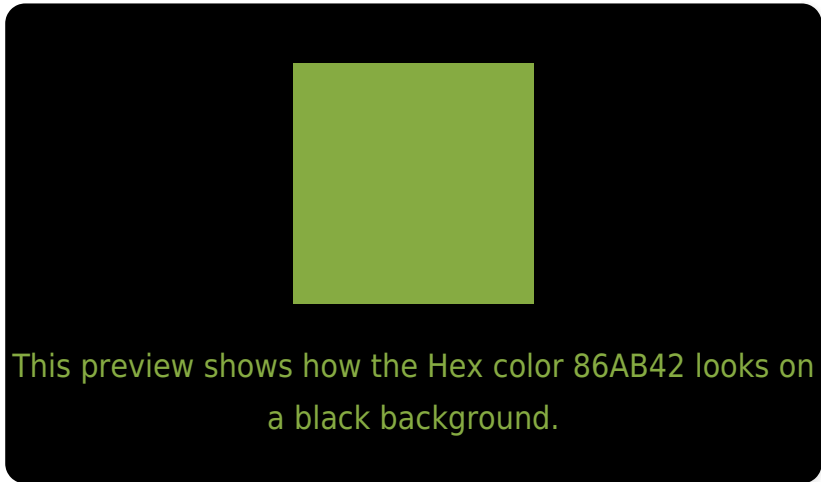
Large Text (above 18pt) WCAG AA × Fail

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 86AB42 Background



This preview shows how black text looks on a background with the Hex color 86AB42.



This preview shows how white text looks on a background with the Hex color 86AB42.

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



Original Color
86AB42

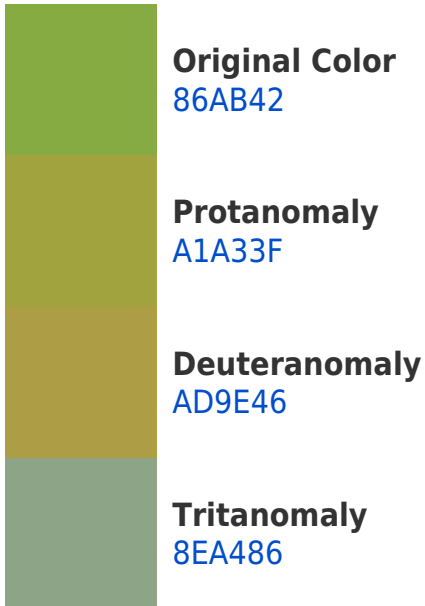
Protanopia
B19F3E

Deuteranopia
C49748

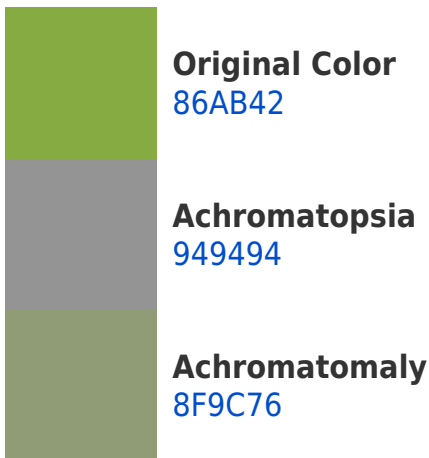


Tritanopia
93A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86AB42 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 #86AB42 looks like.

```
.text, #text, p{  
    color:#86AB42  
}
```

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 #86AB42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86AB42  
}
```

Border

The CSS property to change the border of an element to Hex 86AB42 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  
#86AB42 }
```

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

```
.border{ border-color:#86AB42 }
```

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

Here you see how a box with a 4 pixel #86AB42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86AB42; -webkit-box-shadow:4px 4px  
4px 4px #86AB42; box-shadow:4px 4px 4px  
4px #86AB42 }
```

Background

The CSS property to change the background color of an element to Hex 86AB42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86AB42 }
```

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

```
.background{ background-color:#86AB42 }
```

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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