

Converting Colors

Hex(86AE84)

Have a look what the booklet for
Hex(86AE84) contains.

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Color

Hex(86AE84)

Conversions

Conversions Part 1

Format	Color
Hex	86AE84
RGB	134, 174, 132
RGB Percent	53%, 68%, 52%
CMY	0.4745, 0.3176, 0.4824
CMYK	0.23, 0.00, 0.24, 0.32
HSL	117°, 21%, 60%
HSV	117°, 24%, 68%
XYZ	29.1324, 37.0064, 27.4373
YIQ	157.2520, -10.3580, -21.5420

Conversions

Conversions Part 2

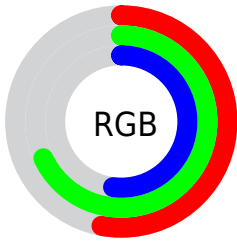
Format	Color
RYB	132, 174, 172
Decimal	8826500
CIELab	67.28, -21.85, 17.26
CIELCh	67, 27.851, 141.693
Yxy	37.0064, 0.3113, 0.3955
Android (android.graphics.Color)	4287016580 (0xFF86AE84)
YUV	157.2520, -12.4492, -20.3920
Hunter-Lab	60.8329, -20.9751, 15.8416

Details

The Hex color **86AE84** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AC84AE**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BCE6B9**, and **537952** is the 20% darker color. If you saturate the color by 10%, you get **75AE73**, and if you desaturate by 10%, it is **97AE95**.

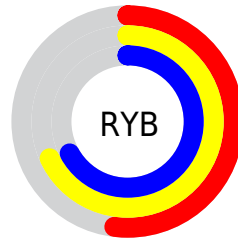
Distribution



Red (53%)

Green (68%)

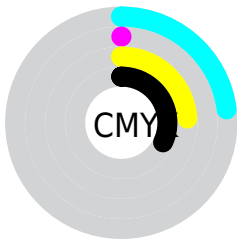
Blue (52%)



Red (52%)

Yellow (68%)

Blue (67%)

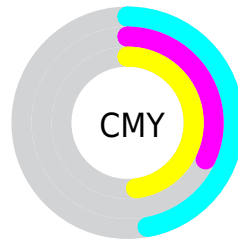


Cyan (23%)

Magenta (0%)

Yellow (24%)

Black (32%)



Cyan (47%)

Magenta (32%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86AE84 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 86AE84 by changing the saturation by 10% instead.



86AE84



86AE84

FFFFFF



6C936B



BCE6B9



537952



D8FFD5



3B603B



F5FFF1



244825



0C3210



001E00



000000



86AE84



86AE84



75AE73



97AE95

 65AE61

 A7AEA7

 54AE50

 B8AEB8

 44AE3E

 C8AECA

 33AE2D

 D9AEDB

 23AE1C

 E9AEEC

 12AE0A

 FAAEFE

 08AE00

 FFAEFF

Harmonies

Analogous

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



A3A875



86AE84



6AB19C

Triad

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



86AE84



79A8D5



D69292

Complementary

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



86AE84



AC84AE

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.



D192AC



86AE84



9EA0D2

Square

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



86AE84



5CAECA



BD97C3



CF987D

Rectangle

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



86AE84



5BB2AD



BD97C3



D6919B

Sweetspot

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



86AE84



D4E3D3



AEAC84



6A736A



F2F2F2



737373

Same Dimension

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



86AE84



A4E3A1



84AE97



4E574E



079600



011700

Inverse Universe

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



AC84AE



E0A1E3



AE849B



564E57



8F0096



160017

Previews

White Background



This preview shows how the Hex color 86AE84 looks on a white background.

Color Contrast Check

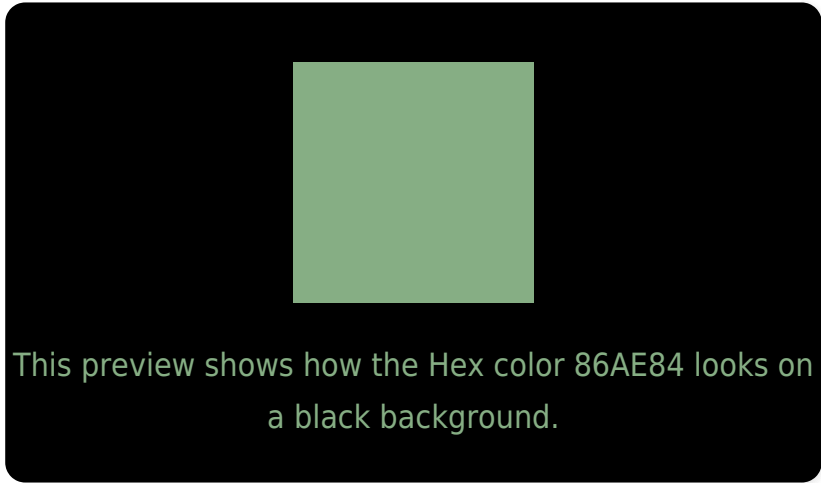
Large Text (above 18pt) WCAG AA × Fail

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

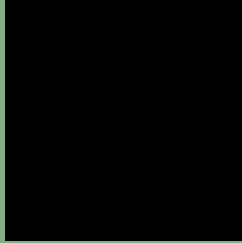
Any Text WCAG AA ✓ Pass

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 86AE84 Background



This preview shows how black text looks on a background with the Hex color 86AE84.



This preview shows how white text looks on a background with the Hex color 86AE84.

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
8EA8B5

Trichromacy



Original Color
86AE84

Protanomaly
9FA781

Deuteranomaly
A9A387

Tritanomaly
8BAAA3

Monochromacy



Original Color
86AE84

Achromatopsia
9D9D9D

Achromatomaly
95A394

CSS Examples

Text

The CSS property to change the color of the text to Hex 86AE84 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 #86AE84 looks like.

```
.text, #text, p{  
    color:#86AE84  
}
```

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 #86AE84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86AE84
}
```

Border

The CSS property to change the border of an element to Hex 86AE84 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
#86AE84 }
```

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

```
.border{ border-color:#86AE84 }
```

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

Here you see how a box with a 4 pixel #86AE84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86AE84; -webkit-box-shadow:4px 4px  
4px 4px #86AE84; box-shadow:4px 4px 4px  
4px #86AE84 }
```

Background

The CSS property to change the background color of an element to Hex 86AE84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86AE84 }
```

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

```
.background{ background-color:#86AE84 }
```

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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