

Converting Colors

Hex(86A674)

Have a look what the booklet for
Hex(86A674) contains.

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Color

Hex(86A674)

Conversions

Conversions Part 1

Format	Color
Hex	86A674
RGB	134, 166, 116
RGB Percent	53%, 65%, 45%
CMY	0.4745, 0.3490, 0.5451
CMYK	0.19, 0.00, 0.30, 0.35
HSL	98°, 22%, 55%
HSV	98°, 30%, 65%
XYZ	26.6201, 33.6017, 21.6057
YIQ	150.7320, -3.0220, -22.3340

Conversions

Conversions Part 2

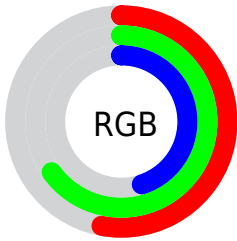
Format	Color
RYB	116, 166, 148
Decimal	8824436
CIELab	64.65, -20.47, 22.39
CIELCh	65, 30.339, 132.441
Yxy	33.6017, 0.3253, 0.4106
Android (android.graphics.Color)	4287014516 (0xFF86A674)
YUV	150.7320, -17.1229, -14.6740
Hunter-Lab	57.9670, -19.4699, 18.4780

Details

The Hex color **86A674** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9474A6**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BCDDA8**, and **537243** is the 20% darker color. If you saturate the color by 10%, you get **7BA663**, and if you desaturate by 10%, it is **91A685**.

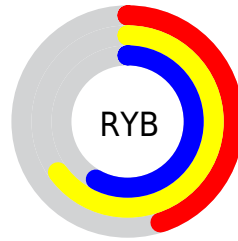
Distribution



Red (53%)

Green (65%)

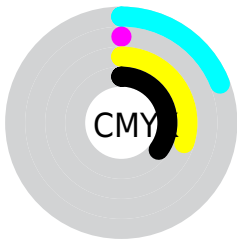
Blue (45%)



Red (45%)

Yellow (65%)

Blue (58%)

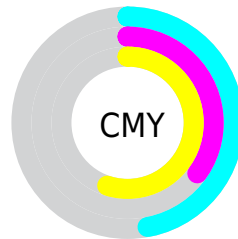


Cyan (19%)

Magenta (0%)

Yellow (30%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A674 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 86A674 by changing the saturation by 10% instead.



86A674



86A674

FFFFFF



6C8C5B



BCDDA8



537243



D8FAC4



3B592C



F4FFE0



244217



FFFFFFC



0F2B00



001900



000000



86A674



86A674



7BA663



91A685

 71A653

 9BA695

 66A642

 A6A6A6

 5CA632

 B0A6B6

 51A621

 BBA6C7

 46A610

 C6A6D8

 3CA600

 D0A6E8

 DBA6F9

 E6A6FF

Harmonies

Analogous

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



A49F67



86A674



66AA8C

Triad

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



86A674



60A4D0



D38892

Complementary

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



86A674



9474A6

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.



C88AAE



86A674



8A9CD1

Square

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



86A674



43AAC0



AF92C5



CE8D79

Rectangle

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



86A674



51AC9E



AF92C5



D1889C

Sweetspot

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



86A674



CCD9C5



A69474



666E62



EDEDED



6E6E6E

Same Dimension

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



86A674



A7D98B



74A67B



4F544C



359400



071400

Inverse Universe

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



9474A6



BD8BD9



A6749F



514C54



5F0094



0D0014

Previews

White Background



This preview shows how the Hex color 86A674 looks on a white background.

Color Contrast Check

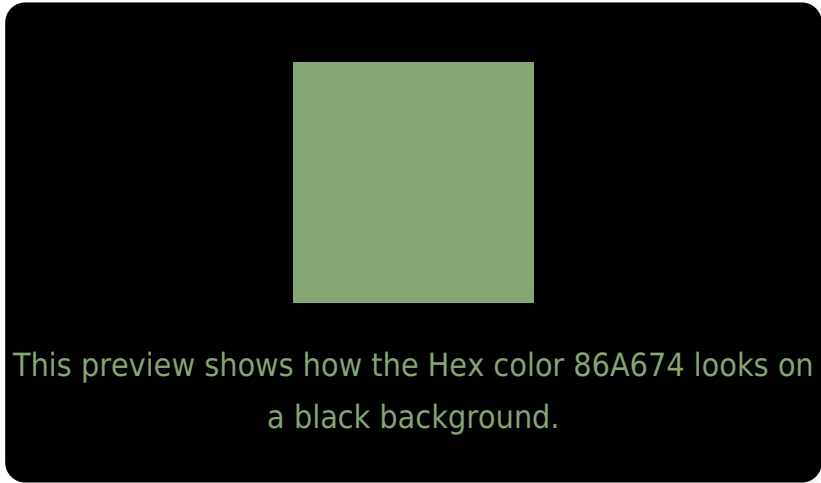
Large Text (above 18pt) WCAG AA × Fail

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

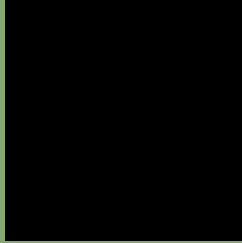
Any Text WCAG AA ✓ Pass

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 86A674 Background



This preview shows how black text looks on a background with the Hex color 86A674.

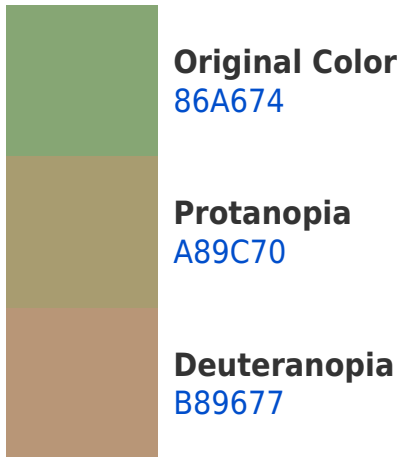


This preview shows how white text looks on a background with the Hex color 86A674.

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
8F9FAC

Trichromacy



Original Color
86A674

Protanomaly
9CA071

Deuteranomaly
A69C76

Tritanomaly
8CA298

Monochromacy



Original Color
86A674

Achromatopsia
979797

Achromatomaly
919C8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 86A674 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 #86A674 looks like.

```
.text, #text, p{  
    color:#86A674  
}
```

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 #86A674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A674
}
```

Border

The CSS property to change the border of an element to Hex 86A674 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
#86A674 }
```

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

```
.border{ border-color:#86A674 }
```

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

Here you see how a box with a 4 pixel #86A674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A674; -webkit-box-shadow:4px 4px  
4px 4px #86A674; box-shadow:4px 4px 4px  
4px #86A674 }
```

Background

The CSS property to change the background color of an element to Hex 86A674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A674 }
```

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

```
.background{ background-color:#86A674 }
```

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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