

# Converting Colors

Hex(86A969)

Have a look what the booklet for  
Hex(86A969) contains.

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**Color**

**Hex(86A969)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86A969
RGB	134, 169, 105
RGB Percent	53%, 66%, 41%
CMY	0.4745, 0.3373, 0.5882
CMYK	0.21, 0.00, 0.38, 0.34
HSL	93°, 27%, 54%
HSV	93°, 38%, 66%
XYZ	26.5693, 34.4642, 18.6165
YIQ	151.2390, -0.3160, -27.3240

# Conversions

## Conversions Part 2

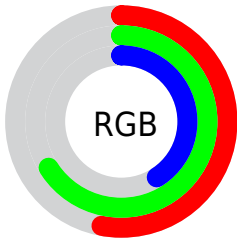
Format	Color
<a href="#">RYB</a>	<a href="#">105, 169, 140</a>
Decimal	<a href="#">8825193</a>
CIELab	<a href="#">65.33, -23.63, 29.22</a>
CIELCh	<a href="#">65, 37.578, 128.965</a>
Yxy	<a href="#">34.4642, 0.3336, 0.4327</a>
Android (android.graphics.Color)	<a href="#">4287015273 (0xFF86A969)</a>
YUV	<a href="#">151.2390, -22.7958, -15.1186</a>
Hunter-Lab	<a href="#">58.7062, -21.9502, 22.2927</a>

# Details

The Hex color **86A969** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8C69A9**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BCE09D**, and **537538** is the 20% darker color. If you saturate the color by 10%, you get **7DA958**, and if you desaturate by 10%, it is **8FA97A**.

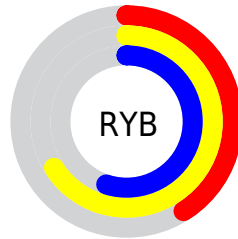
# Distribution



Red (53%)

Green (66%)

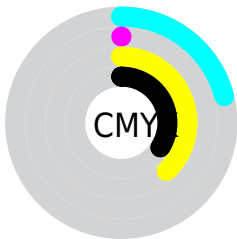
Blue (41%)



Red (41%)

Yellow (66%)

Blue (55%)

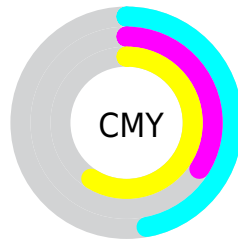


Cyan (21%)

Magenta (0%)

Yellow (38%)

Black (34%)



Cyan (47%)

Magenta (34%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86A969 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 86A969 by changing the saturation by 10% instead.





86A969



86A969

FFFFFF



6C8E50



BCE09D



537538



D8FDB8



3A5C21



F5FFD4



22440A



FFFFF0



0C2D00



001B00



000000



86A969



86A969



7DA958



8FA97A

74A947

98A98B

6AA936

A2A99C

61A925

ABA9AD

58A915

B4A9BD

4FA904

BDA9CE

4DA900

C7A9DF

D0A9F0

D9A9FF

# Harmonies

## Analogous

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



ABA05B



86A969



5BAF85

# Triad

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



86A969



3EA9DD



DF8496

# Complementary

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



86A969



8C69A9

# 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.



D188B8



86A969



7E9FE1

# Square

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



86A969



00AFC8



AF92D3



DC8976

# Rectangle

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



86A969



39B09C



AF92D3



DD84A1



# Sweetspot

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



86A969



CEDBC3



A98B69



666E5F



EDEDED



6E6E6E



# Same Dimension

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



86A969



A5DB79



69A96B



50544C



439400



091400



# Inverse Universe

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



8C69A9



AF79DB



A969A7



504C54



510094



0B0014



# Previews

## White Background



This preview shows how the Hex color 86A969 looks on a white background.

## Color Contrast Check

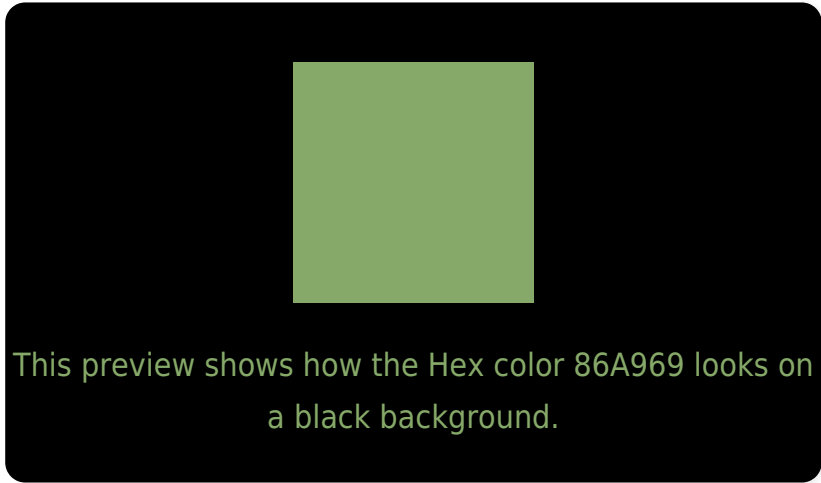
Large Text (above 18pt) WCAG AA × Fail

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

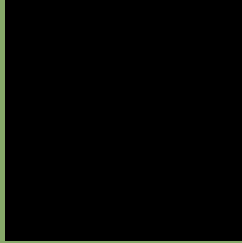
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86A969 Background



This preview shows how black text looks on a background with the Hex color 86A969.

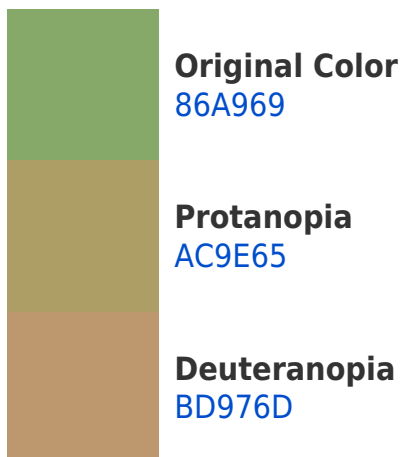


This preview shows how white text looks on a background with the Hex color 86A969.

# 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](#).

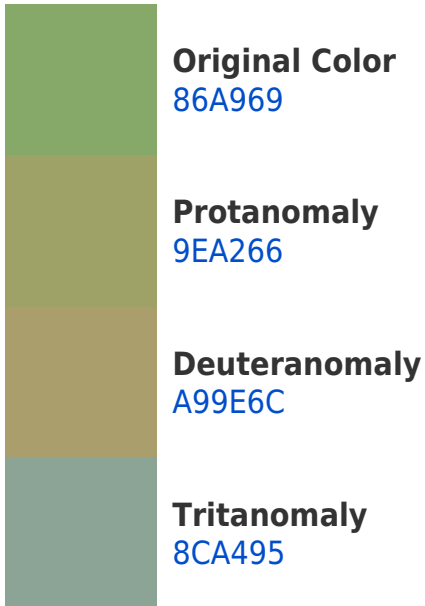
## Dichromacy



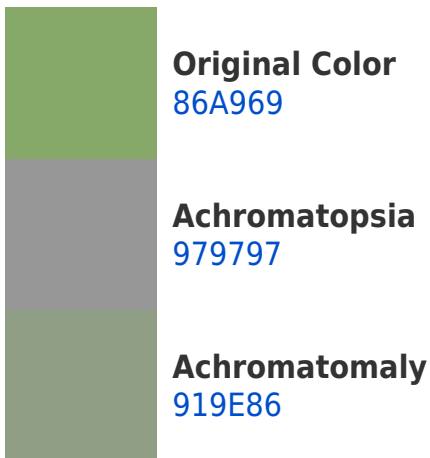


**Tritanopia**  
90A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86A969 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 #86A969 looks like.

```
.text, #text, p{  
    color:#86A969  
}
```

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 #86A969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A969
}
```

## Border

The CSS property to change the border of an element to Hex 86A969 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
#86A969 }
```

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

```
.border{ border-color:#86A969 }
```

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

Here you see how a box with a 4 pixel #86A969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A969; -webkit-box-shadow:4px 4px  
4px 4px #86A969; box-shadow:4px 4px 4px  
4px #86A969 }
```

# Background

The CSS property to change the background color of an element to Hex 86A969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A969 }
```

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

```
.background{ background-color:#86A969 }
```

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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