

# Converting Colors

Hex(86A76B)

Have a look what the booklet for  
Hex(86A76B) contains.

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**Color**

**Hex(86A76B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86A76B
RGB	134, 167, 107
RGB Percent	53%, 65%, 42%
CMY	0.4745, 0.3451, 0.5804
CMYK	0.20, 0.00, 0.36, 0.35
HSL	93°, 25%, 54%
HSV	93°, 36%, 65%
XYZ	26.3041, 33.7673, 19.0413
YIQ	150.2930, -0.4080, -25.6560

# Conversions

## Conversions Part 2

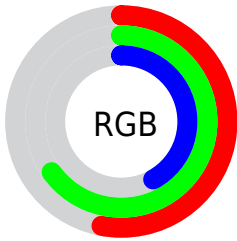
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 167, 140
Decimal	8824683
CIELab	64.78, -22.34, 27.43
CIELCh	65, 35.377, 129.166
Yxy	33.7673, 0.3325, 0.4268
Android (android.graphics.Color)	4287014763 (0xFF86A76B)
YUV	150.2930, -21.3434, -14.2890
Hunter-Lab	58.1096, -20.8916, 21.2487

# Details

The Hex color **86A76B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8C6BA7**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BCDE9F**, and **53733B** is the 20% darker color. If you saturate the color by 10%, you get **7DA75A**, and if you desaturate by 10%, it is **8FA77C**.

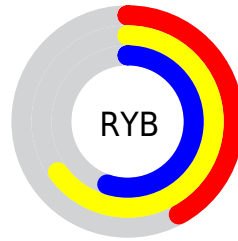
# Distribution



Red (53%)

Green (65%)

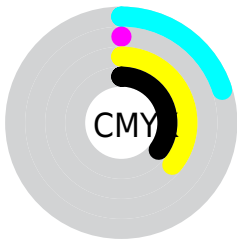
Blue (42%)



Red (42%)

Yellow (65%)

Blue (55%)

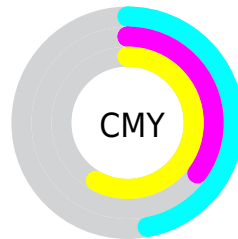


Cyan (20%)

Magenta (0%)

Yellow (36%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86A76B 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 86A76B by changing the saturation by 10% instead.





86A76B



86A76B

FFFFFF



6C8D52



BCDE9F



53733B



D8FBBA



3B5A24



F5FFD6



23430D



FFFFF3



0E2C00



001900



000000



86A76B



86A76B



7DA75A



8FA77C

 74A74A

 98A78C

 6AA739

 A2A79D

 61A728

 ABA7AE

 58A717

 B4A7BE

 4FA707

 BDA7CF

 4BA700

 C6A7E0

 CFA7F1

 D9A7FF

# Harmonies

## Analogous

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



A99E5E



86A76B



5FAC86

# Triad

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



86A76B



48A6D8



DA8594

# Complementary

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



86A76B



8C6BA7

# 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.



CD88B4



86A76B



7F9DDB

# Square

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



86A76B



15ACC4



AD91CE



D78977

# Rectangle

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



86A76B



42AE9B



AD91CE



D8859F



# Sweetspot

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



86A76B



CCD9C1



A78C6B



666E5F



EDEDED



6E6E6E



# Same Dimension

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



86A76B



A5D97C



6BA76D



50544C



439400



091400



# Inverse Universe

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



8C6BA7



AF7CD9



A76BA4



504C54



510094



0B0014



# Previews

## White Background



This preview shows how the Hex color 86A76B looks on a white background.

## Color Contrast Check

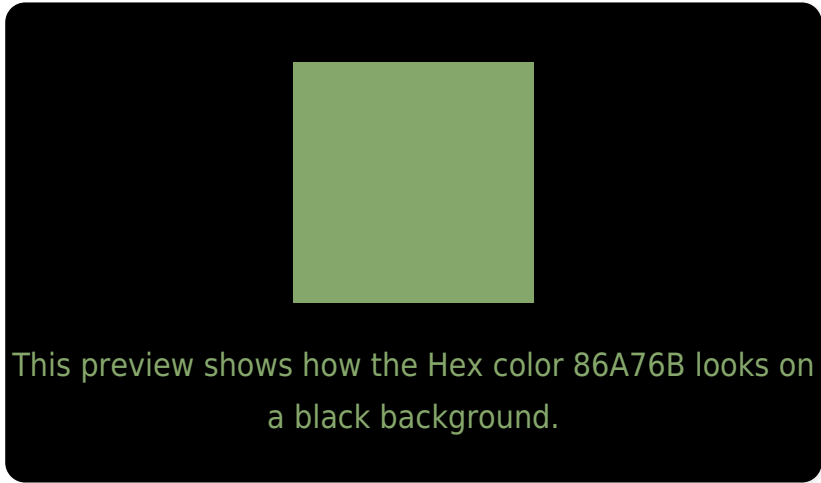
Large Text (above 18pt) WCAG AA × Fail

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

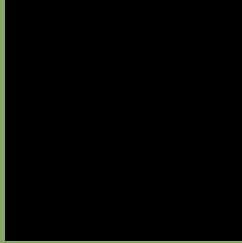
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86A76B Background



This preview shows how black text looks on a background with the Hex color 86A76B.

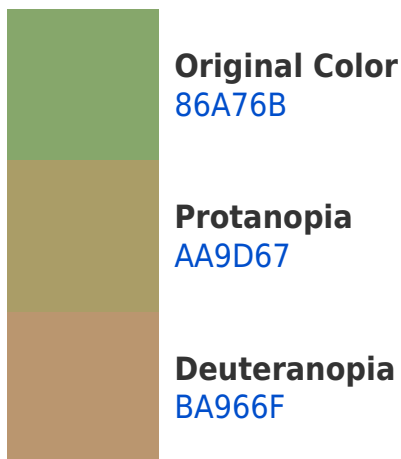


This preview shows how white text looks on a background with the Hex color 86A76B.

# Color Blindness Simulation

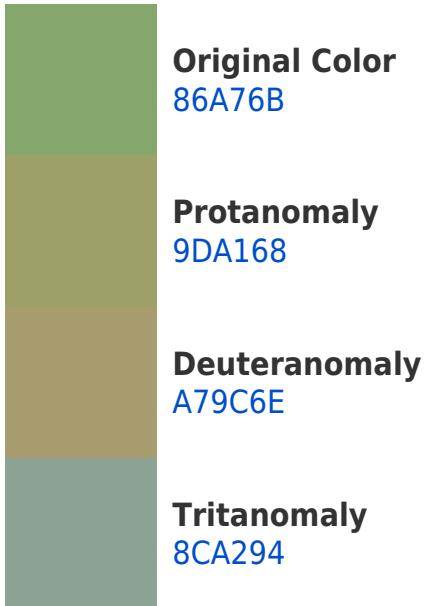
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

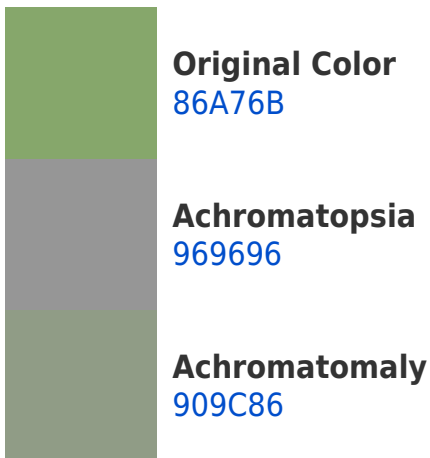




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86A76B 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 #86A76B looks like.

```
.text, #text, p{  
    color:#86A76B  
}
```

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 #86A76B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A76B
}
```

## Border

The CSS property to change the border of an element to Hex 86A76B 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
#86A76B }
```

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

```
.border{ border-color:#86A76B }
```

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

Here you see how a box with a 4 pixel #86A76B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A76B; -webkit-box-shadow:4px 4px  
4px 4px #86A76B; box-shadow:4px 4px 4px  
4px #86A76B }
```

# Background

The CSS property to change the background color of an element to Hex 86A76B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A76B }
```

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

```
.background{ background-color:#86A76B }
```

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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