

# Converting Colors

Hex(86AB66)

Have a look what the booklet for  
Hex(86AB66) contains.

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**Color**

**Hex(86AB66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86AB66
RGB	134, 171, 102
RGB Percent	53%, 67%, 40%
CMY	0.4745, 0.3294, 0.6000
CMYK	0.22, 0.00, 0.40, 0.33
HSL	92°, 29%, 54%
HSV	92°, 40%, 67%
XYZ	26.7927, 35.1535, 17.9435
YIQ	152.0710, 0.0970, -29.3030

# Conversions

## Conversions Part 2

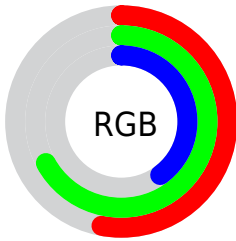
Format	Color
<a href="#">RYB</a>	<a href="#">102, 171, 139</a>
Decimal	<a href="#">8825702</a>
CIELab	<a href="#">65.87, -25.04, 31.50</a>
CIELCh	<a href="#">66, 40.240, 128.480</a>
Yxy	<a href="#">35.1535, 0.3354, 0.4400</a>
Android (android.graphics.Color)	<a href="#">4287015782 (0xFF86AB66)</a>
YUV	<a href="#">152.0710, -24.6850, -15.8483</a>
Hunter-Lab	<a href="#">59.2904, -23.0958, 23.5598</a>

# Details

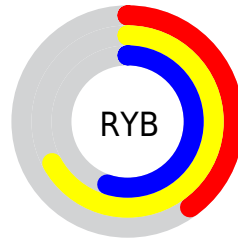
The Hex color **86AB66** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B66AB**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **BCE29A**, and **537735** is the 20% darker color. If you saturate the color by 10%, you get **7DAB55**, and if you desaturate by 10%, it is **8FAB77**.

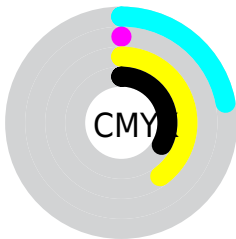
# Distribution



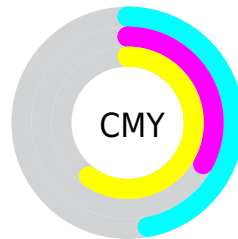
- Red (53%)
- Green (67%)
- Blue (40%)



- Red (40%)
- Yellow (67%)
- Blue (55%)



- Cyan (22%)
- Magenta (0%)
- Yellow (40%)
- Black (33%)



- Cyan (47%)
- Magenta (33%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86AB66 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 86AB66 by changing the saturation by 10% instead.



 86AB66

 86AB66

FFFFFF

 6C904D

 BCE29A

 537735

 D8FFB5

 3A5E1E

 F5FFD1

 224606

 FFFFED

 0A2F00

 001D00

 000000

 86AB66

 86AB66

 7DAB55

 8FAB77

 74AB44

 98AB88

 6AAB33

 A2AB99

 61AB22

 ABABAA

 58AB11

 B4ABBB

 4FAB00

 BDABCD

 C6ABDE

 CFABEF

 D9ABFF

# Harmonies

## Analogous

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



ADA157



86AB66



57B184

# Triad

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



86AB66



2CABE2



E58397

# Complementary

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



86AB66



8B66AB

# 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.



D587BB



86AB66



7AA0E7

# Square

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



86AB66



00B1CC



B193D9



E18975

# Rectangle

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



86AB66



2DB39D



B193D9



E283A3



# Sweetspot

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



86AB66



D0DEC3



AB8B66



687060



F0F0F0



707070



# Same Dimension

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



86AB66



A5DE73



66AB68



52574E



469600



0B1700



# Inverse Universe

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



8B66AB



AC73DE



AB66A9



534E57



510096



0C0017



# Previews

## White Background



This preview shows how the Hex color 86AB66 looks on a white background.

## Color Contrast Check

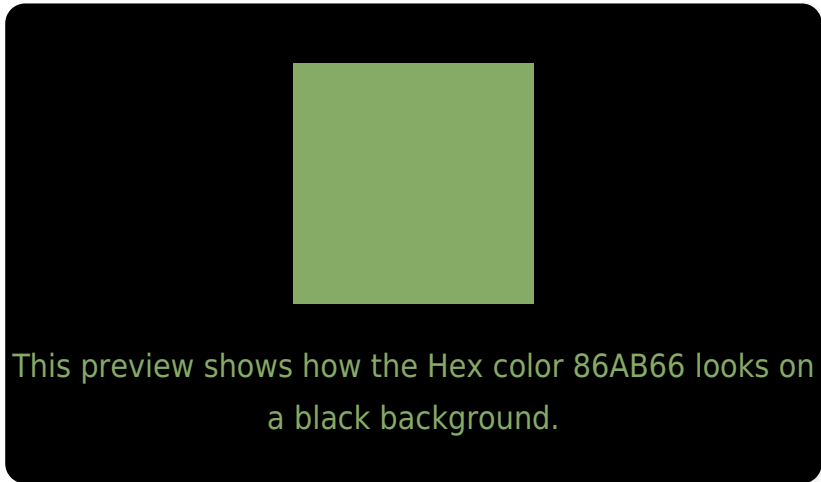
Large Text (above 18pt) WCAG AA × Fail

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 86AB66 Background



This preview shows how black text looks on a background with the Hex color 86AB66.



This preview shows how white text looks on a background with the Hex color 86AB66.

# 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](#).

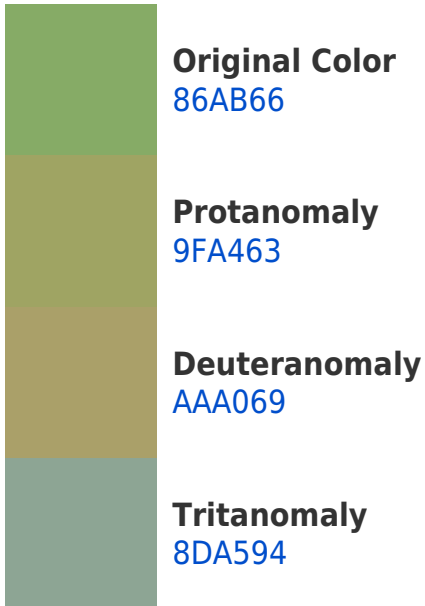
## Dichromacy



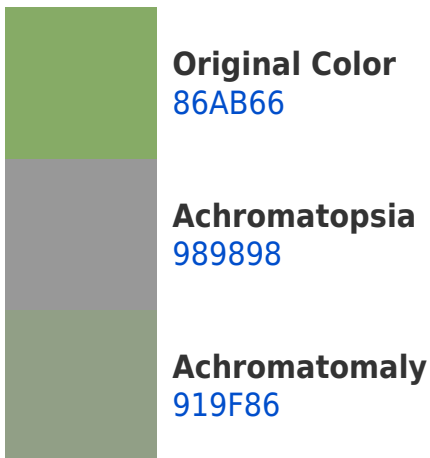


**Tritanopia**  
91A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86AB66 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 #86AB66 looks like.

```
.text, #text, p{  
    color:#86AB66  
}
```

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 #86AB66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86AB66  
}
```

## Border

The CSS property to change the border of an element to Hex 86AB66 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  
#86AB66 }
```

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

```
.border{ border-color:#86AB66 }
```

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

Here you see how a box with a 4 pixel #86AB66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86AB66; -webkit-box-shadow:4px 4px  
4px 4px #86AB66; box-shadow:4px 4px 4px  
4px #86AB66 }
```

# Background

The CSS property to change the background color of an element to Hex 86AB66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86AB66 }
```

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

```
.background{ background-color:#86AB66 }
```

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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