

# Converting Colors

Hex(86B077)

Have a look what the booklet for  
Hex(86B077) contains.

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**Color**

**Hex(86B077)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86B077
RGB	134, 176, 119
RGB Percent	53%, 69%, 47%
CMY	0.4745, 0.3098, 0.5333
CMYK	0.24, 0.00, 0.32, 0.31
HSL	104°, 27%, 58%
HSV	104°, 32%, 69%
XYZ	28.6866, 37.4509, 23.1696
YIQ	156.9440, -6.7350, -26.6310

# Conversions

## Conversions Part 2

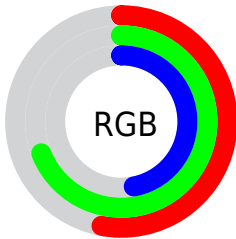
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">119, 176, 161</a>
Decimal	<a href="#">8826999</a>
CIELab	<a href="#">67.61, -25.01, 24.76</a>
CIElCh	<a href="#">68, 35.196, 135.295</a>
Yxy	<a href="#">37.4509, 0.3212, 0.4193</a>
Android (android.graphics.Color)	<a href="#">4287017079 (0xFF86B077)</a>
YUV	<a href="#">156.9440, -18.7064, -20.1219</a>
Hunter-Lab	<a href="#">61.1971, -23.4218, 20.3905</a>

# Details

The Hex color **86B077** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A177B0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BCE8AC**, and **537B46** is the 20% darker color. If you saturate the color by 10%, you get **79B065**, and if you desaturate by 10%, it is **93B089**.

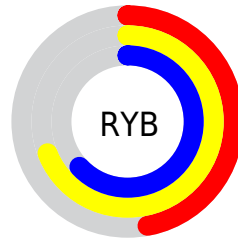
# Distribution



Red (53%)

Green (69%)

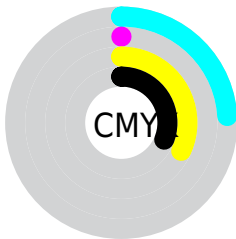
Blue (47%)



Red (47%)

Yellow (69%)

Blue (63%)

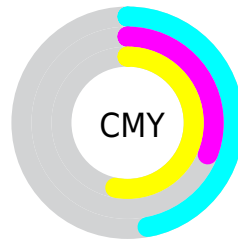


Cyan (24%)

Magenta (0%)

Yellow (32%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86B077 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 86B077 by changing the saturation by 10% instead.





86B077



86B077

FFFFFF



6C955E



BCE8AC



537B46



D8FFC7



3A622F



F5FFE3



224A19



0A3300



001F00



000000



86B077



86B077



79B065



93B089

 6CB054

 A0B09A

 5FB042

 ADB0AC

 52B031

 BAB0BD

 45B01F

 C7B0CF

 38B00D

 D4B0E1

 2EB000

 E1B0F2

 EEBOFF

 FBB0FF

# Harmonies

## Analogous

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



AAA867



86B077



5EB594

# Triad

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



86B077



5DACE1



E38D95

# Complementary

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



86B077



A177B0

# 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.



D98EB6



86B077



92A2E2

# Square

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



86B077



2EB3D1



BD97D2



DC9379

# Rectangle

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



86B077



43B6A9



BD97D2



E28CA0



# Sweetspot

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



86B077



D5E6CF



B0A177



697365



F2F2F2



737373



# Same Dimension

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



86B077



A4E68C



77B084



535950



289900



071A00



# Inverse Universe

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



A177B0



CE8CE6



B077A3



575059



710099



13001A



# Previews

## White Background



This preview shows how the Hex color 86B077 looks on a white background.

## Color Contrast Check

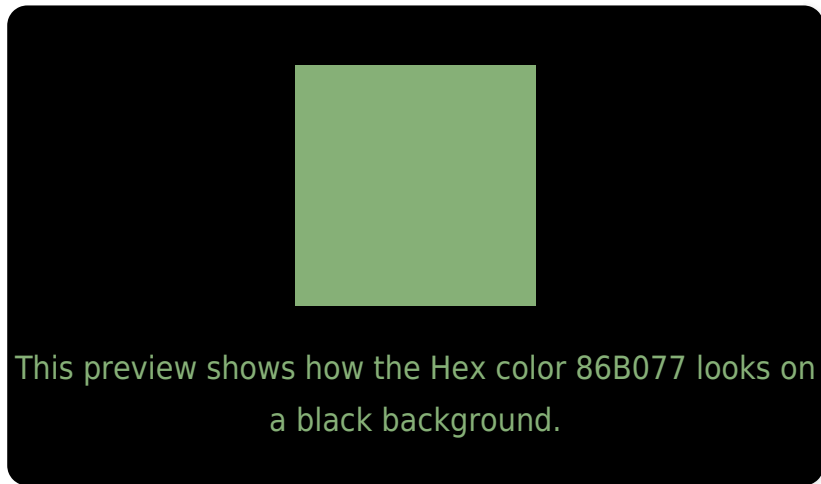
Large Text (above 18pt) WCAG AA × Fail

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 86B077 Background



This preview shows how black text looks on a background with the Hex color 86B077.



This preview shows how white text looks on a background with the Hex color 86B077.

# 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



**Original Color**  
86B077

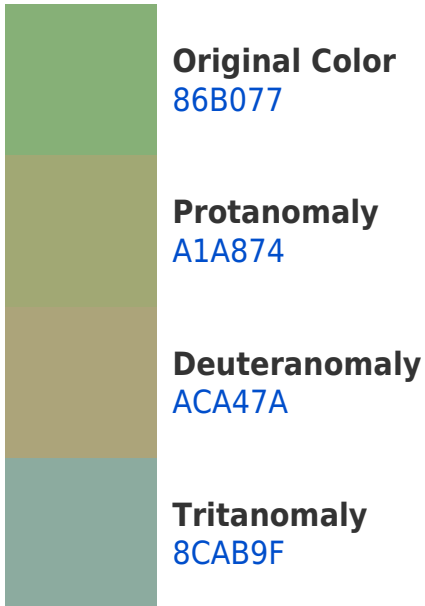
**Protanopia**  
B1A472

**Deuteranopia**  
C29D7B



**Tritanopia**  
90A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86B077 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 #86B077 looks like.

```
.text, #text, p{  
    color:#86B077  
}
```

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 #86B077 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B077
}
```

## Border

The CSS property to change the border of an element to Hex 86B077 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
#86B077 }
```

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

```
.border{ border-color:#86B077 }
```

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

Here you see how a box with a 4 pixel #86B077 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B077; -webkit-box-shadow:4px 4px  
4px 4px #86B077; box-shadow:4px 4px 4px  
4px #86B077 }
```

# Background

The CSS property to change the background color of an element to Hex 86B077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B077 }
```

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

```
.background{ background-color:#86B077 }
```

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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