

# Converting Colors

Hex(82B071)

Have a look what the booklet for  
Hex(82B071) contains.

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**Color**

**Hex(82B071)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82B071
RGB	130, 176, 113
RGB Percent	51%, 69%, 44%
CMY	0.4902, 0.3098, 0.5569
CMYK	0.26, 0.00, 0.36, 0.31
HSL	104°, 29%, 57%
HSV	104°, 36%, 69%
XYZ	27.7119, 36.9887, 21.3018
YIQ	155.0640, -7.1930, -29.3450

# Conversions

## Conversions Part 2

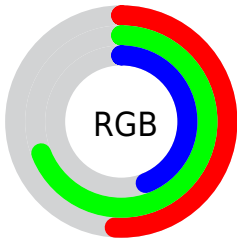
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">113, 176, 159</a>
Decimal	<a href="#">8564849</a>
CIELab	<a href="#">67.27, -27.37, 27.46</a>
CIELCh	<a href="#">67, 38.771, 134.902</a>
Yxy	<a href="#">36.9887, 0.3222, 0.4301</a>
Android (android.graphics.Color)	<a href="#">4286754929 (0xFF82B071)</a>
YUV	<a href="#">155.0640, -20.7376, -21.9811</a>
Hunter-Lab	<a href="#">60.8184, -25.0986, 21.8064</a>

# Details

The Hex color **82B071** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9F71B0**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B8E8A5**, and **4F7B40** is the 20% darker color. If you saturate the color by 10%, you get **75B05F**, and if you desaturate by 10%, it is **8FB083**.

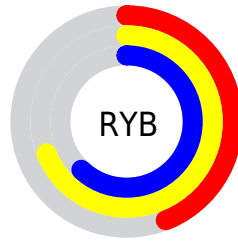
# Distribution



Red (51%)

Green (69%)

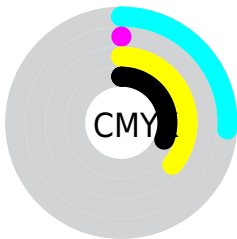
Blue (44%)



Red (44%)

Yellow (69%)

Blue (62%)

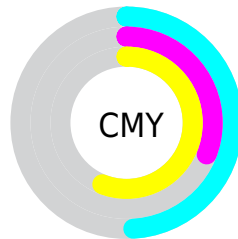


Cyan (26%)

Magenta (0%)

Yellow (36%)

Black (31%)



Cyan (49%)

Magenta (31%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82B071 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 82B071 by changing the saturation by 10% instead.





82B071



82B071

FFFFFF



689558



B8E8A5



4F7B40



D4FFC1



366229



F1FFDD



1D4A12



FFFFF9



053300



002000



000000



82B071



82B071



75B05F



8FB083

 68B04E

 9CB094

 5BB03C

 A9B0A6

 4FB02B

 B5B0B7

 42B019

 C2B0C9

 35B007

 CFB0DB

 2FB000

 DCB0EC

 E9B0FE

 F6B0FF

# Harmonies

## Analogous

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



A9A75F



82B071



54B590

# Triad

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



82B071



4DACE7



E88993

# Complementary

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



82B071



9F71B0

# 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.



DD8AB7



82B071



8DA1E7

# Square

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



82B071



00B4D4



BE94D5



E09074

# Rectangle

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



82B071



2DB6A9



BE94D5



E6889F



# Sweetspot

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



82B071



D3E6CC



B09E71



687364



F2F2F2



737373



# Same Dimension

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



82B071



9DE683



71B07F



535950



299900



071A00



# Inverse Universe

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



9F71B0



CB83E6



B071A2



575059



700099



13001A



# Previews

## White Background



This preview shows how the Hex color 82B071 looks on a white background.

## Color Contrast Check

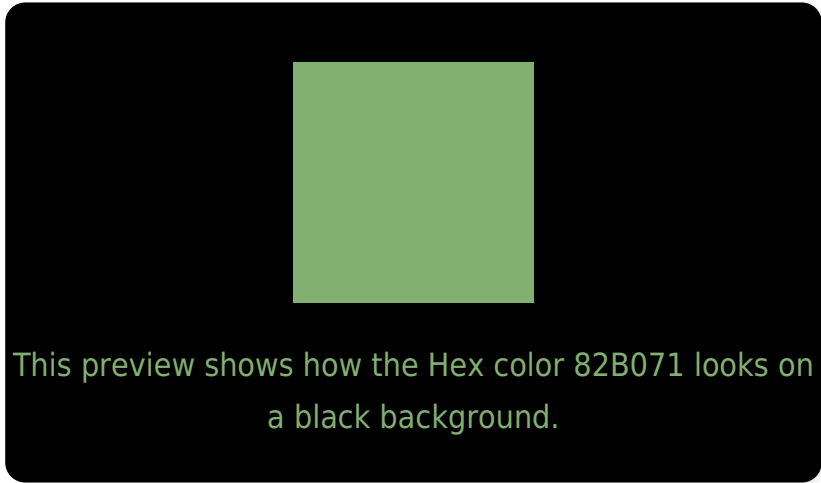
Large Text (above 18pt) WCAG AA × Fail

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 82B071 Background



This preview shows how black text looks on a background with the Hex color 82B071.

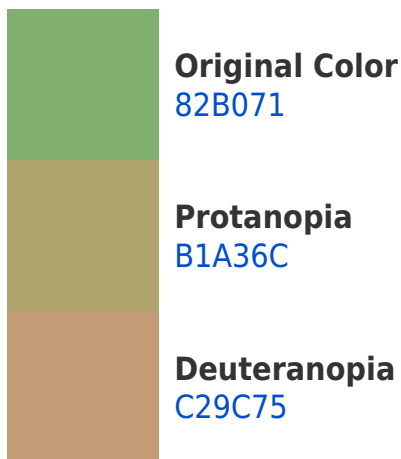


This preview shows how white text looks on a background with the Hex color 82B071.

# 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](#).

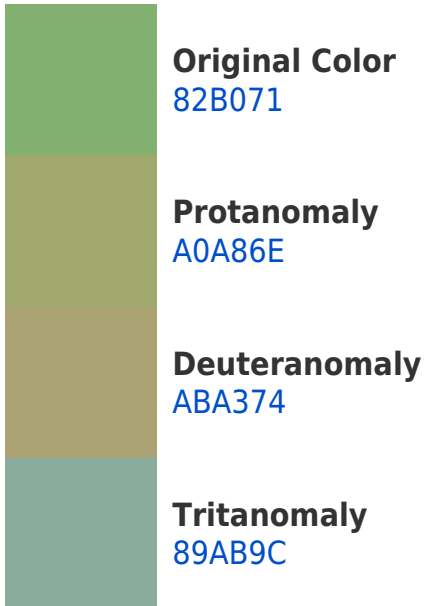
## Dichromacy





**Tritanopia**  
8DA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82B071 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 #82B071 looks like.

```
.text, #text, p{  
    color:#82B071  
}
```

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 #82B071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B071
}
```

## Border

The CSS property to change the border of an element to Hex 82B071 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
#82B071 }
```

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

```
.border{ border-color:#82B071 }
```

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

Here you see how a box with a 4 pixel #82B071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B071; -webkit-box-shadow:4px 4px  
4px 4px #82B071; box-shadow:4px 4px 4px  
4px #82B071 }
```

# Background

The CSS property to change the background color of an element to Hex 82B071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B071 }
```

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

```
.background{ background-color:#82B071 }
```

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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