

# Converting Colors

Hex(82B469)

Have a look what the booklet for  
Hex(82B469) contains.

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**Color**

**Hex(82B469)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82B469
RGB	130, 180, 105
RGB Percent	51%, 71%, 41%
CMY	0.4902, 0.2941, 0.5882
CMYK	0.28, 0.00, 0.42, 0.29
HSL	100°, 33%, 56%
HSV	100°, 42%, 71%
XYZ	28.0770, 38.4083, 19.2983
YIQ	156.5000, -5.7250, -33.9250

# Conversions

## Conversions Part 2

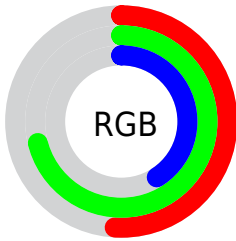
Format	Color
<a href="#">RYB</a>	<a href="#">105, 180, 155</a>
Decimal	<a href="#">8565865</a>
CIELab	<a href="#">68.32, -30.45, 33.04</a>
CIELCh	<a href="#">68, 44.931, 132.670</a>
Yxy	<a href="#">38.4083, 0.3273, 0.4477</a>
Android (android.graphics.Color)	<a href="#">4286755945 (0xFF82B469)</a>
YUV	<a href="#">156.5000, -25.3895, -23.2405</a>
Hunter-Lab	<a href="#">61.9744, -27.5873, 24.9197</a>

# Details

The Hex color **82B469** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9B69B4**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B9EC9D**, and **4E7F38** is the 20% darker color. If you saturate the color by 10%, you get **76B457**, and if you desaturate by 10%, it is **8EB47B**.

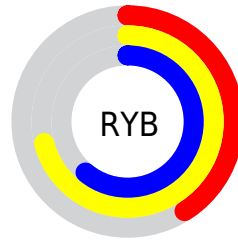
# Distribution



Red (51%)

Green (71%)

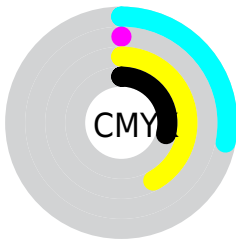
Blue (41%)



Red (41%)

Yellow (71%)

Blue (61%)

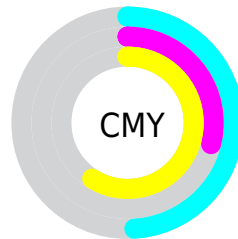


Cyan (28%)

Magenta (0%)

Yellow (42%)

Black (29%)



Cyan (49%)

Magenta (29%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82B469 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 82B469 by changing the saturation by 10% instead.





82B469



82B469

FFFFFF



689950



B9EC9D



4E7F38



D5FFB8



356620



F2FFD4



1B4D07



FFFFF1



003600



002200



000000



82B469



82B469



76B457



8EB47B

 6AB445

 9AB48D

 5EB433

 A6B49F

 52B421

 B2B4B1

 46B40F

 BEB4C3

 3CB400

 CAB4D5

 D6B4E7

 E2B4F9

 EEB4FF

# Harmonies

## Analogous

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



AFAA55



82B469



48BA8D

# Triad

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



82B469



1FB1F3



F48697

# Complementary

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



82B469



9B69B4

# 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.



E689C0



82B469



84A5F6

# Square

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



82B469



00B9DC



C095E3



EC8E71

# Rectangle

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



82B469



00BCA9



C095E3



F285A4



# Sweetspot

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



82B469



D6EBCC



B49B69



697563



F5F5F5



757575



# Same Dimension

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



82B469



9CEB75



69B476



535950



339900



081A00



# Inverse Universe

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



9B69B4



C475EB



B469A7



565059



660099



11001A



# Previews

## White Background



This preview shows how the Hex color 82B469 looks on a white background.

## Color Contrast Check

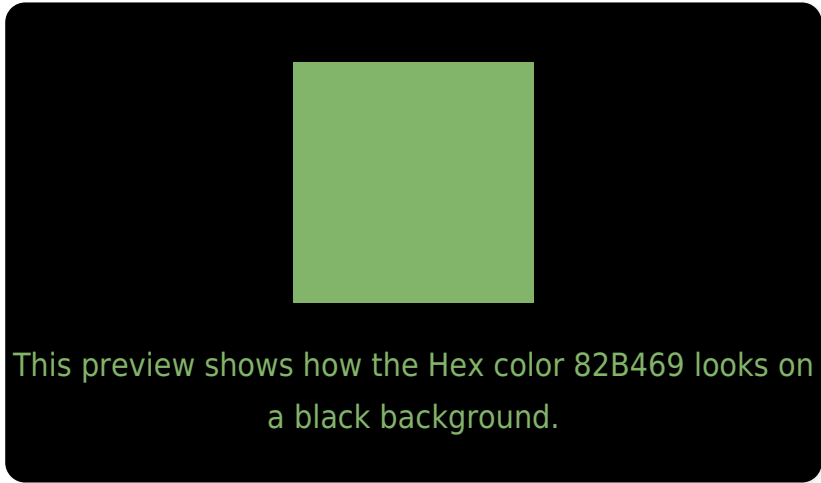
Large Text (above 18pt) WCAG AA × Fail

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 82B469 Background



This preview shows how black text looks on a background with the Hex color 82B469.



This preview shows how white text looks on a background with the Hex color 82B469.

# 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](#).

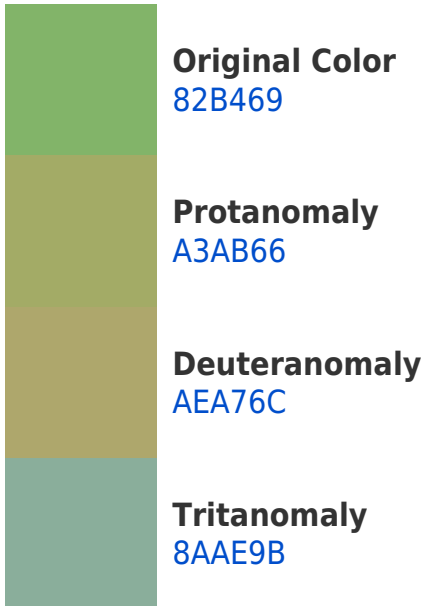
## Dichromacy



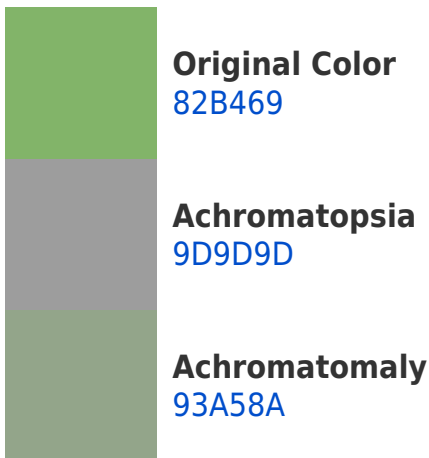


**Tritanopia**  
8FABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82B469 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 #82B469 looks like.

```
.text, #text, p{  
    color:#82B469  
}
```

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 #82B469 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B469
}
```

## Border

The CSS property to change the border of an element to Hex 82B469 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
#82B469 }
```

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

```
.border{ border-color:#82B469 }
```

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

Here you see how a box with a 4 pixel #82B469 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B469; -webkit-box-shadow:4px 4px  
4px 4px #82B469; box-shadow:4px 4px 4px  
4px #82B469 }
```

# Background

The CSS property to change the background color of an element to Hex 82B469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B469 }
```

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

```
.background{ background-color:#82B469 }
```

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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