

# Converting Colors

Hex(849065)

Have a look what the booklet for  
Hex(849065) contains.

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# Color

**Hex(849065)**

# Conversions

Conversions Part 1	
Format	Color
Hex	849065
RGB	132, 144, 101
RGB Percent	52%, 56%, 40%
CMY	0.4824, 0.4353, 0.6039
CMYK	0.08, 0.00, 0.30, 0.44
HSL	77°, 18%, 48%
HSV	77°, 30%, 56%
XYZ	21.8379, 25.7916, 16.1392
YIQ	135.5100, 6.6510, -15.9170

# Conversions

## Conversions Part 2

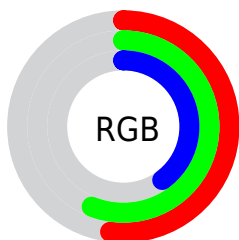
Format	Color
<a href="#">RYB</a>	<a href="#">101, 144, 113</a>
Decimal	<a href="#">8687717</a>
CIELab	<a href="#">57.84, -12.03, 21.46</a>
CIELCh	<a href="#">58, 24.605, 119.273</a>
Yxy	<a href="#">25.7916, 0.3425, 0.4045</a>
Android (android.graphics.Color)	<a href="#">4286877797</a> <a href="#">(0xFF849065)</a>
YUV	<a href="#">135.5100, -17.0134, -3.0783</a>
Hunter-Lab	<a href="#">50.7855, -12.1189, 16.7079</a>

# Details

The Hex color **849065** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **716590**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B9C698**, and **525E36** is the 20% darker color. If you saturate the color by 10%, you get **809057**, and if you desaturate by 10%, it is **889073**.

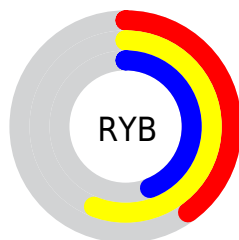
# Distribution



Red (52%)

Green (56%)

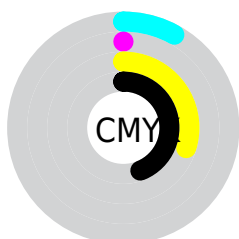
Blue (40%)



Red (40%)

Yellow (56%)

Blue (44%)

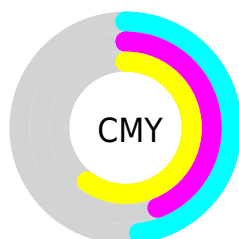


Cyan (8%)

Magenta (0%)

Yellow (30%)

Black (44%)



Cyan (48%)

Magenta (44%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 849065 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 849065 by changing the saturation by 10% instead.





849065



849065

FFFFFF



6A764D



B9C698



525E36



D5E2B3



3A4620



F2FECF



243009



FFFFEB



0D1B00



000000



849065



849065



809057




889073



7C9048



8C9082

 78903A

 909090

 74902B

 94909F

 70901D

 9890AD

 6C900F

 9C90BB

 689000

 A090CA

 A490D8

 A890E7

# Harmonies

## Analogous

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



9B8960



849065



6B9574

# Triad

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



849065



5293AF



B47B8C

# Complementary

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



849065



716590

# 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.



A67FA1



849065



6F8DB6

# Square

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



849065



48969F



8D86B0



B67D77

# Rectangle

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



849065



5B9682



8D86B0



B17C94



# Sweetspot

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



849065



B5BAA9



907065



5B5E54



DEDEDE



5E5E5E



# Same Dimension

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



849065



A7BA77



6F9065



454740



618700



060800



# Inverse Universe

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



716590



8A77BA



866590



424047



260087



020008



# Previews

## White Background



This preview shows how the Hex color 849065 looks on a white background.

## Color Contrast Check

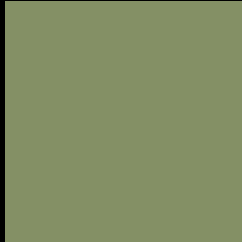
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 849065 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

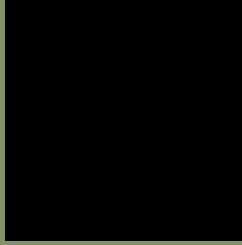
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 849065 Background



This preview shows how black text looks on a background with the Hex color 849065.



This preview shows how white text looks on a background with the Hex color 849065.

# 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**

[849065](#)

**Protanopia**

[968B63](#)

**Deuteranopia**

[A48567](#)

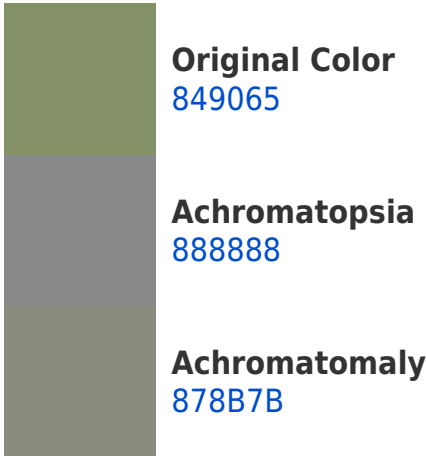


**Tritanopia**  
8A8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 849065 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 #849065 looks like.

```
.text, #text, p{  
    color:#849065  
}
```

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 #849065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849065
}
```

## Border

The CSS property to change the border of an element to Hex 849065 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
#849065 }
```

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

```
.border{ border-color:#849065 }
```

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

Here you see how a box with a 4 pixel #849065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849065; -webkit-box-shadow:4px 4px  
4px 4px #849065; box-shadow:4px 4px 4px  
4px #849065 }
```

# Background

The CSS property to change the background color of an element to Hex 849065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849065 }
```

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

```
.background{ background-color:#849065 }
```

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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