

# Converting Colors

Hex(89C374)

Have a look what the booklet for  
Hex(89C374) contains.

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**Color**

**Hex(89C374)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89C374
RGB	137, 195, 116
RGB Percent	54%, 76%, 45%
CMY	0.4627, 0.2353, 0.5451
CMYK	0.30, 0.00, 0.41, 0.24
HSL	104°, 40%, 61%
HSV	104°, 41%, 76%
XYZ	32.9840, 45.6095, 23.5881
YIQ	168.6520, -9.2090, -36.8650

# Conversions

## Conversions Part 2

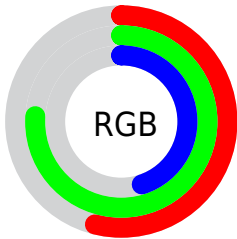
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 195, 174
Decimal	9028468
CIELab	73.29, -33.51, 33.83
CIELCh	73, 47.621, 134.727
Yxy	45.6095, 0.3228, 0.4464
Android (android.graphics.Color)	4287218548 (0xFF89C374)
YUV	168.6520, -25.9574, -27.7588
Hunter-Lab	67.5348, -31.0065, 26.5660

# Details

The Hex color **89C374** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AE74C3**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **C0FCA9**, and **548D42** is the 20% darker color. If you saturate the color by 10%, you get **7BC361**, and if you desaturate by 10%, it is **97C387**.

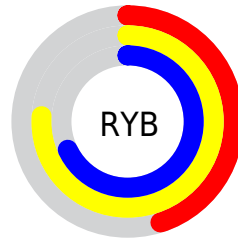
# Distribution



Red (54%)

Green (76%)

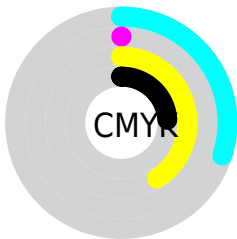
Blue (45%)



Red (45%)

Yellow (76%)

Blue (68%)

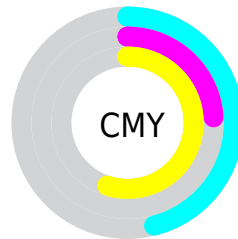


Cyan (30%)

Magenta (0%)

Yellow (41%)

Black (24%)



Cyan (46%)

Magenta (24%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89C374 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 89C374 by changing the saturation by 10% instead.





89C374



89C374

FFFFFF



6EA85B



C0FCA9



548D42



DFFFC5



3A732A



FAFFE1



205A12

FFFFFFE



004200



002B00



001400



000000



89C374



89C374

 7BC361

 97C387

 6CC34D

 A6C39B

 5EC33A

 B4C3AF

 50C326

 C2C3C2

 41C312

 D1C3D6

 34C300

 DFC3E9

 EDC3FD

 FCC3FF

 FFC3FF

# Harmonies

## Analogous

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



BAB85D



89C374



49C99C

# Triad

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



89C374



2FBFFF



FF91A0

# Complementary

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



89C374



AE74C3

# 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.



FA93CC



89C374



94B1FF

# Square

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



89C374



00C7F0



D3A0F2



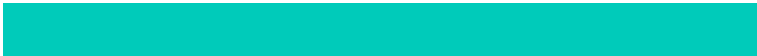
FE9A78

# Rectangle

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



89C374



00CBBA



D3A0F2



FF90AF

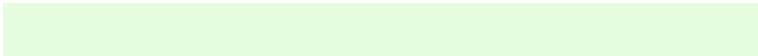


# Sweetspot

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



89C374



E6FCDE



C3AE74



72806E



000000



808080



# Same Dimension

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



89C374



A2FC81



74C386



5A6157



2BA100



092100



# Inverse Universe

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



AE74C3



DC81FC



C374B1



5E5761



7600A1



180021



# Previews

## White Background



This preview shows how the Hex color 89C374 looks on a white background.

## Color Contrast Check

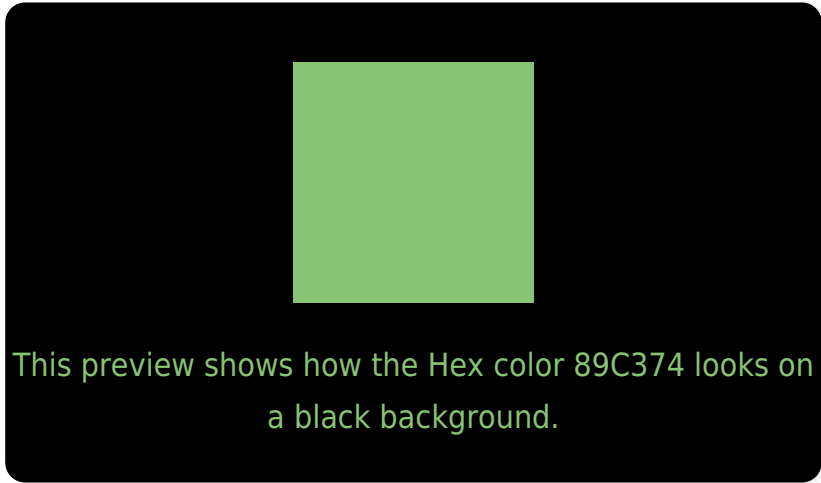
Large Text (above 18pt) WCAG AA × Fail

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

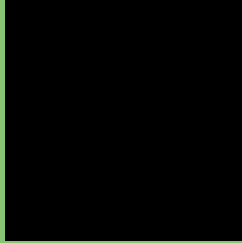
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89C374 Background



This preview shows how black text looks on a background with the Hex color 89C374.

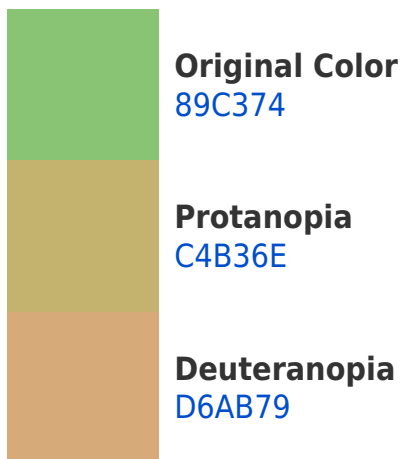


This preview shows how white text looks on a background with the Hex color 89C374.

# 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](#).

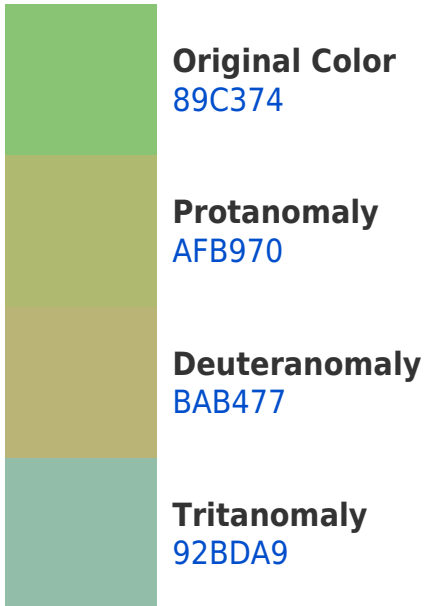
## Dichromacy



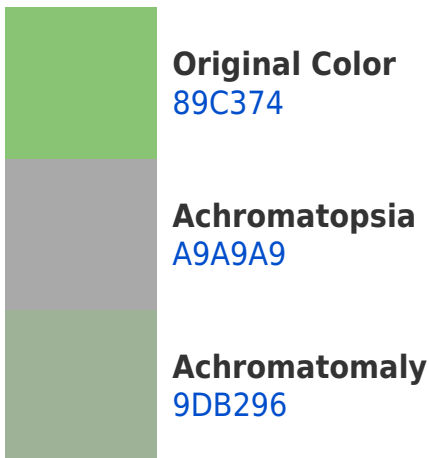


**Tritanopia**  
97B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89C374 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 #89C374 looks like.

```
.text, #text, p{  
    color:#89C374  
}
```

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 #89C374 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C374
}
```

## Border

The CSS property to change the border of an element to Hex 89C374 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
#89C374 }
```

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

```
.border{ border-color:#89C374 }
```

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

Here you see how a box with a 4 pixel #89C374 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C374; -webkit-box-shadow:4px 4px  
4px 4px #89C374; box-shadow:4px 4px 4px  
4px #89C374 }
```

# Background

The CSS property to change the background color of an element to Hex 89C374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C374 }
```

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

```
.background{ background-color:#89C374 }
```

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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