

# Converting Colors

Hex(89CD69)

Have a look what the booklet for  
Hex(89CD69) contains.

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**Color**

**Hex(89CD69)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89CD69
RGB	137, 205, 105
RGB Percent	54%, 80%, 41%
CMY	0.4627, 0.1961, 0.5882
CMYK	0.33, 0.00, 0.49, 0.20
HSL	101°, 50%, 61%
HSV	101°, 49%, 80%
XYZ	34.6977, 50.0009, 21.1870
YIQ	173.2680, -8.4280, -45.5160

# Conversions

## Conversions Part 2

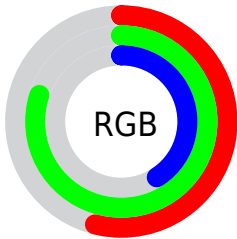
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 205, 173</a>
Decimal	<a href="#">9031017</a>
CIELab	<a href="#">76.07, -39.51, 42.85</a>
CIELCh	<a href="#">76, 58.279, 132.677</a>
Yxy	<a href="#">50.0009, 0.3277, 0.4722</a>
Android (android.graphics.Color)	<a href="#">4287221097</a> ( <a href="#">0xFF89CD69</a> )
YUV	<a href="#">173.2680, -33.6561, -31.8070</a>
Hunter-Lab	<a href="#">70.7113, -36.1559, 31.7331</a>

# Details

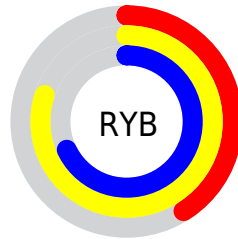
The Hex color **89CD69** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **AD69CD**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **C1FF9E**, and **539636** is the 20% darker color. If you saturate the color by 10%, you get **7BCD54**, and if you desaturate by 10%, it is **97CD7D**.

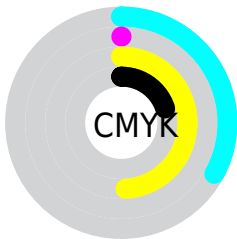
# Distribution



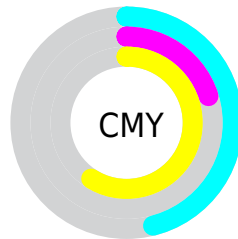
- Red (54%)
- Green (80%)
- Blue (41%)



- Red (41%)
- Yellow (80%)
- Blue (68%)



- Cyan (33%)
- Magenta (0%)
- Yellow (49%)
- Black (20%)



- Cyan (46%)
- Magenta (20%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89CD69 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 89CD69 by changing the saturation by 10% instead.





89CD69



89CD69

FFFFFF



6EB14F



C1FF9E



539636



DEFFBA



377C1C



FBFFD6



196300



FFFFF3



004A00



003300



001D00



000000



89CD69



89CD69

 7BCD54

 97CD7D

 6DCD40

 A5CD92

 5FCD2B

 B3CDA7

 51CD17

 C1CDBB

 43CD03

 CFCDD0

 42CD00

 DDCDE4

 EBCDF9

 F9CDFE

 FFCDFE

# Harmonies

## Analogous

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



C5C04D



89CD69



25D49A

# Triad

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



89CD69



00CAFF



FF8DA7

# Complementary

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



89CD69



AD69CD

# 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.



FF92DD



89CD69



88BAFF

# Square

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



89CD69



00D4FF



DDA4FF



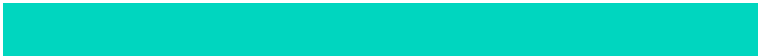
FF9A75

# Rectangle

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



89CD69



00D6BF



DDA4FF



FF8DB9

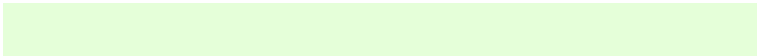


# Sweetspot

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



89CD69



E5FFD9



CDAC69



708069



000000



808080



# Same Dimension

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



89CD69



99FF69



69CD7A



5F665C



35A600



0C2600



# Inverse Universe

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



AD69CD



CF69FF



CD69BC



635C66



7100A6



1A0026



# Previews

## White Background



This preview shows how the Hex color 89CD69 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



This preview shows how the Hex color 89CD69 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 ✓ Pass

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



## Hex 89CD69 Background



This preview shows how black text looks on a background with the Hex color 89CD69.

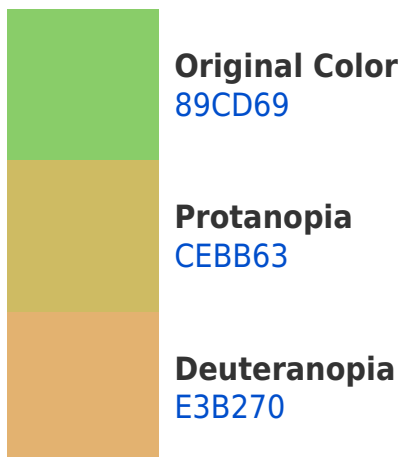


This preview shows how white text looks on a background with the Hex color 89CD69.

# 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](#).

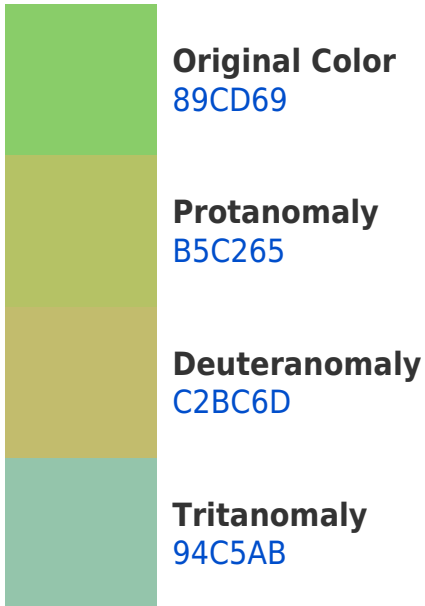
## Dichromacy



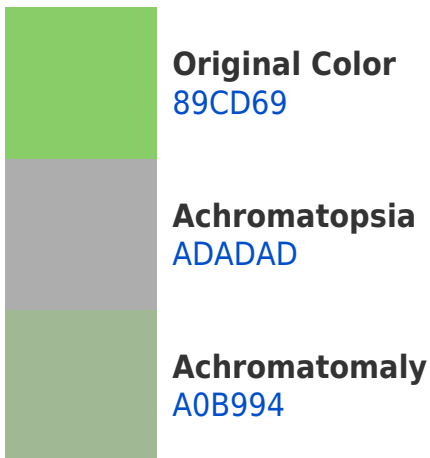


**Tritanopia**  
9AC1D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89CD69 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 #89CD69 looks like.

```
.text, #text, p{  
    color:#89CD69  
}
```

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 #89CD69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89CD69
}
```

## Border

The CSS property to change the border of an element to Hex 89CD69 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
#89CD69 }
```

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

```
.border{ border-color:#89CD69 }
```

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

Here you see how a box with a 4 pixel #89CD69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89CD69; -webkit-box-shadow:4px 4px  
4px 4px #89CD69; box-shadow:4px 4px 4px  
4px #89CD69 }
```

# Background

The CSS property to change the background color of an element to Hex 89CD69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89CD69 }
```

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

```
.background{ background-color:#89CD69 }
```

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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