

# Converting Colors

Hex(89D961)

Have a look what the booklet for  
Hex(89D961) contains.

<b>Hex(89D961)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(89D961)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89D961
RGB	137, 217, 97
RGB Percent	54%, 85%, 38%
CMY	0.4627, 0.1490, 0.6196
CMYK	0.37, 0.00, 0.55, 0.15
HSL	100°, 61%, 62%
HSV	100°, 55%, 85%
XYZ	37.2871, 55.8071, 20.1159
YIQ	179.4000, -9.1600, -54.2800

# Conversions

## Conversions Part 2

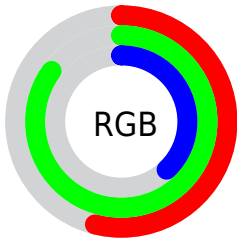
Format	Color
<b>RYB</b>	97, 217, 177
Decimal	9034081
CIELab	79.50, -45.63, 50.75
CIElCh	80, 68.250, 131.958
Yxy	55.8071, 0.3294, 0.4930
Android (android.graphics.Color)	4287224161 (0xFF89D961)
YUV	179.4000, -40.6232, -37.1848
Hunter-Lab	74.7042, -41.6377, 36.3277

# Details

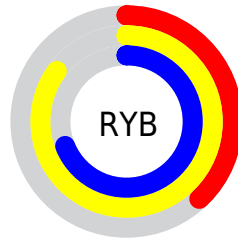
The Hex color **89D961** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **B161D9**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C2FF97**, and **51A12C** is the 20% darker color. If you saturate the color by 10%, you get **7BD94B**, and if you desaturate by 10%, it is **97D977**.

# Distribution



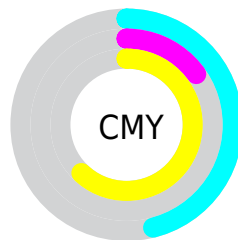
- Red (54%)
- Green (85%)
- Blue (38%)



- Red (38%)
- Yellow (85%)
- Blue (69%)



- Cyan (37%)
- Magenta (0%)
- Yellow (55%)
- Black (15%)



- Cyan (46%)
- Magenta (15%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89D961 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 89D961 by changing the saturation by 10% instead.



 89D961

 89D961

FFFFFF

 6DBD47

 C2FF97

 51A12C

 DFFFB2

 34870B

 FDFFCF

 0E6D00

 FFFFEB

 005400

 003C00

 002700

 000000

 89D961

 89D961

 7BD94B

 97D977

 6CD936

 A6D98C

 5ED920

 B4D9A2

 4FD90A

 C3D9B8

 48D900

 D1D9CD

 E0D9E3

 EED9F9

 FDD9FF

 FFD9FF

# Harmonies

## Analogous

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



CFCA3E



89D961



00E19B

# Triad

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



89D961



00D7FF



FF8BAE

# Complementary

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



89D961



B161D9

# 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.



FF92EE



89D961



7CC3FF

# Square

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



89D961



00E1FF



EAA9FF



FF9B73

# Rectangle

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



89D961



00E4C7



EAA9FF



FF8BC3

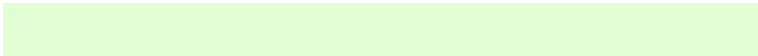


# Sweetspot

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



89D961



E2FFD4



D9B161



6F8066



000000



808080



# Same Dimension

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



89D961



8FFF57



61D975



666E63



3AAD00



0F2E00



# Inverse Universe

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



B161D9



C757FF



D961C5



6A636E



7400AD



1F002E



# Previews

## White Background



This preview shows how the Hex color 89D961 looks on a white background.

## Color Contrast Check

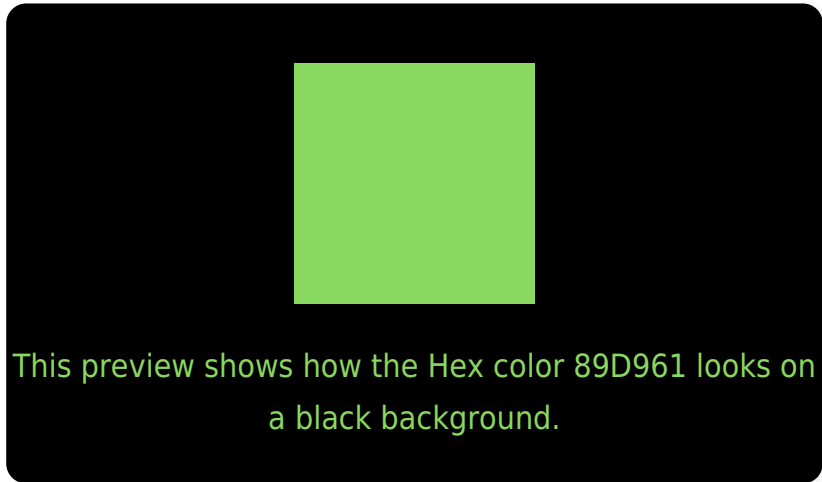
Large Text (above 18pt) WCAG AA × Fail

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

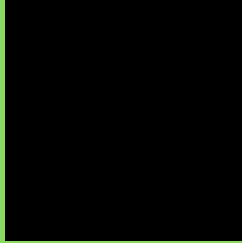
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89D961 Background



This preview shows how black text looks on a background with the Hex color 89D961.

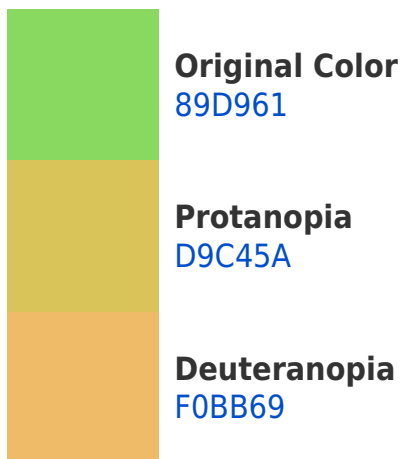


This preview shows how white text looks on a background with the Hex color 89D961.

# Color Blindness Simulation

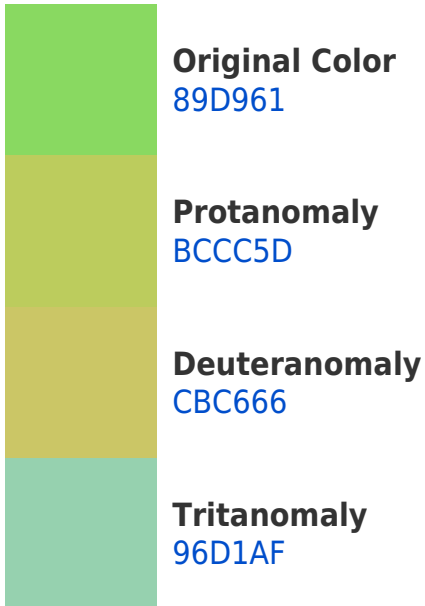
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

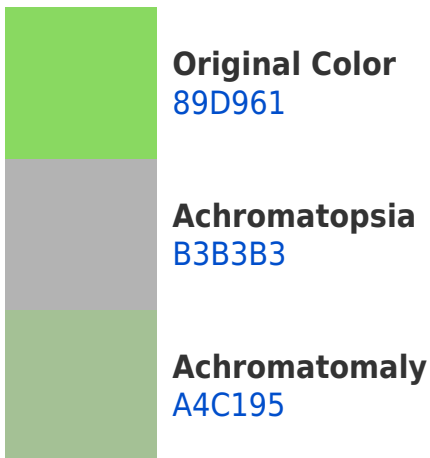




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89D961 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 #89D961 looks like.

```
.text, #text, p{  
    color:#89D961  
}
```

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 #89D961 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89D961
}
```

## Border

The CSS property to change the border of an element to Hex 89D961 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
#89D961 }
```

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

```
.border{ border-color:#89D961 }
```

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

Here you see how a box with a 4 pixel #89D961 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89D961; -webkit-box-shadow:4px 4px  
4px 4px #89D961; box-shadow:4px 4px 4px  
4px #89D961 }
```

# Background

The CSS property to change the background color of an element to Hex 89D961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89D961 }
```

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

```
.background{ background-color:#89D961 }
```

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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