

Converting Colors

Hex(89C378)

Have a look what the booklet for
Hex(89C378) contains.

Hex(89C378)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(89C378)

Conversions

Conversions Part 1

Format	Color
Hex	89C378
RGB	137, 195, 120
RGB Percent	54%, 76%, 47%
CMY	0.4627, 0.2353, 0.5294
CMYK	0.30, 0.00, 0.38, 0.24
HSL	106°, 38%, 62%
HSV	106°, 38%, 76%
XYZ	33.2218, 45.7046, 24.8402
YIQ	169.1080, -10.4930, -35.6210

Conversions

Conversions Part 2

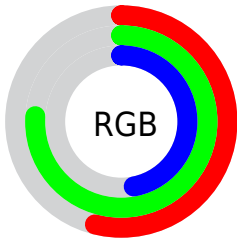
Format	Color
RYB	120, 195, 178
Decimal	9028472
CIELab	73.35, -32.94, 31.85
CIElCh	73, 45.819, 135.960
Yxy	45.7046, 0.3202, 0.4405
Android (android.graphics.Color)	4287218552 (0xFF89C378)
YUV	169.1080, -24.2102, -28.1587
Hunter-Lab	67.6052, -30.5926, 25.5387

Details

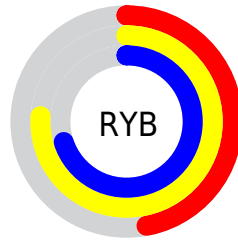
The Hex color **89C378** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B278C3**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **C0FCAD**, and **548D46** is the 20% darker color. If you saturate the color by 10%, you get **7AC364**, and if you desaturate by 10%, it is **98C38B**.

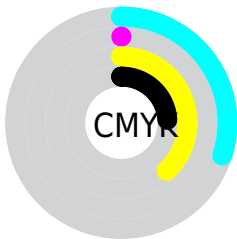
Distribution



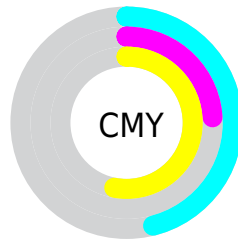
- Red (54%)
- Green (76%)
- Blue (47%)



- Red (47%)
- Yellow (76%)
- Blue (70%)



- Cyan (30%)
- Magenta (0%)
- Yellow (38%)
- Black (24%)



- Cyan (46%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89C378 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 89C378 by changing the saturation by 10% instead.

 89C378

 89C378

FFFFFF

 6EA85F

 C0FCAD

 548D46

 DDFFC9

 3B732E

 FAFFE5

 205A17

 004200

 002B00

 001400

 000000

 89C378

 89C378

 7AC364

 98C38B

 6BC351

 A7C39F

 5CC33E

 B6C3B3

 4DC32A

 C5C3C6

 3EC317

 D4C3DA

 2FC303

 E3C3ED

 2CC300

 F3C3FF

 FFC3FF

Harmonies

Analogous

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



B8B961



89C378



4DC99E

Triad

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



89C378



43BEFF



FF939F

Complementary

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



89C378



B278C3

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.



F995CA



89C378



99B1FF

Square

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



89C378



00C7EF



D5A1EF



FB9C7A

Rectangle

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



89C378



00CABB



D5A1EF



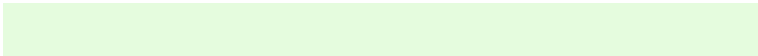
FF92AD

Sweetspot

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



89C378



E5FCDE



C3B278



72806E



000000



808080

Same Dimension

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



89C378



A3FC88



78C38C



596157



24A100



082100

Inverse Universe

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



B278C3



E288FC



C378AF



5F5761



7C00A1



1A0021

Previews

White Background



This preview shows how the Hex color 89C378 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 89C378 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 89C378 Background



This preview shows how black text looks on a background with the Hex color 89C378.

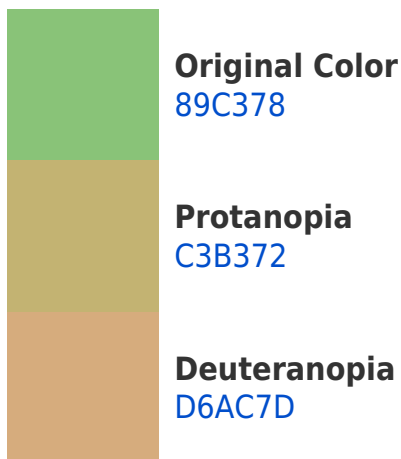


This preview shows how white text looks on a background with the Hex color 89C378.

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](#).

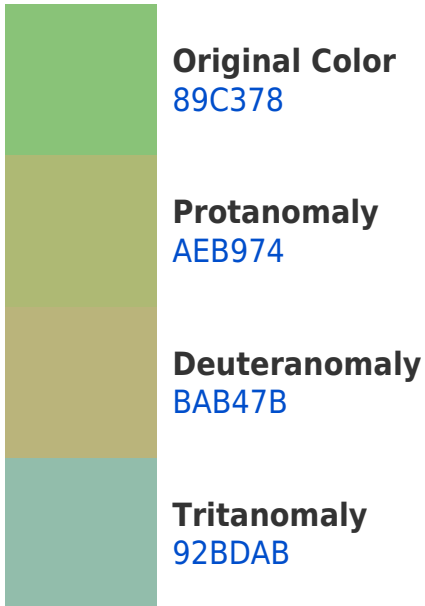
Dichromacy



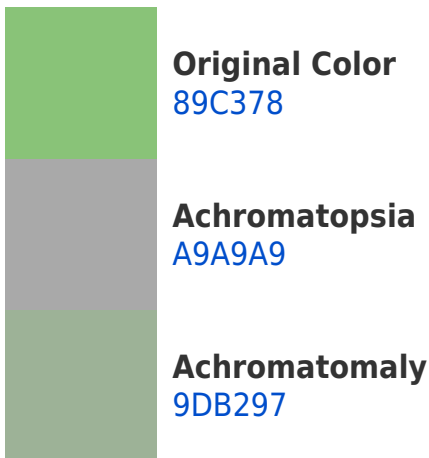


Tritanopia
97B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89C378 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 #89C378 looks like.

```
.text, #text, p{  
    color:#89C378  
}
```

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 #89C378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C378
}
```

Border

The CSS property to change the border of an element to Hex 89C378 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
#89C378 }
```

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

```
.border{ border-color:#89C378 }
```

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

Here you see how a box with a 4 pixel #89C378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C378; -webkit-box-shadow:4px 4px  
4px 4px #89C378; box-shadow:4px 4px 4px  
4px #89C378 }
```

Background

The CSS property to change the background color of an element to Hex 89C378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C378 }
```

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

```
.background{ background-color:#89C378 }
```

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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