

Converting Colors

Hex(89E38C)

Have a look what the booklet for
Hex(89E38C) contains.

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Color

Hex(89E38C)

Conversions

Conversions Part 1

Format	Color
Hex	89E38C
RGB	137, 227, 140
RGB Percent	54%, 89%, 55%
CMY	0.4627, 0.1098, 0.4510
CMYK	0.40, 0.00, 0.38, 0.11
HSL	122°, 62%, 71%
HSV	122°, 40%, 89%
XYZ	42.5192, 62.1500, 34.5661
YIQ	190.1720, -25.7130, -46.1370

Conversions

Conversions Part 2

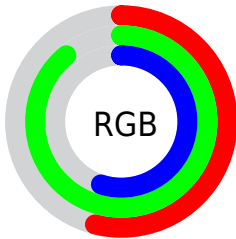
Format	Color
RYB	137, 224, 227
Decimal	9036684
CIELab	82.99, -44.29, 34.24
CIELCh	83, 55.986, 142.293
Yxy	62.1500, 0.3054, 0.4464
Android (android.graphics.Color)	4287226764 (0xFF89E38C)
YUV	190.1720, -24.7348, -46.6318
Hunter-Lab	78.8353, -41.6890, 29.1884

Details

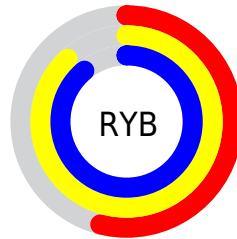
The Hex color **89E38C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E389E0**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **C2FFC2**, and **51AB59** is the 20% darker color. If you saturate the color by 10%, you get **72E376**, and if you desaturate by 10%, it is **A0E3A2**.

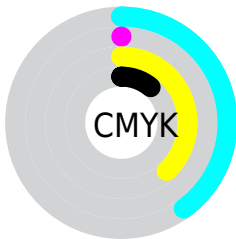
Distribution



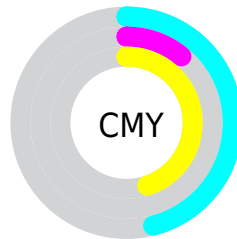
- Red (54%)
- Green (89%)
- Blue (55%)



- Red (54%)
- Yellow (88%)
- Blue (89%)



- Cyan (40%)
- Magenta (0%)
- Yellow (38%)
- Black (11%)



- Cyan (46%)
- Magenta (11%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89E38C 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 89E38C by changing the saturation by 10% instead.

 89E38C

FFFFFF

 C2FFC2

 DFFFDF

 FCFFFB

 89E38C

 6DC772

 51AB59

 349040

 107628

 005C0F

 004400

 002D00

 001200

 000000

 89E38C

 89E38C

 72E376

 A0E3A2

 5CE360

 B6E3B8

 45E34A

 CDE3CE

 2EE334

 E4E3E4

 18E31E

 FBE3FA

 01E308

 FFE3FF

 00E308

Harmonies

Analogous

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



C7D86A



89E38C



1AE9BF

Triad

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



89E38C



4DD8FF



FFA5AA

Complementary

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



89E38C



E389E0

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.



FFA4DF



89E38C



BEC6FF

Square

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



89E38C



00E4FF



FFB2FF



FFB47D

Rectangle

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



89E38C



00EAE3



FFB2FF



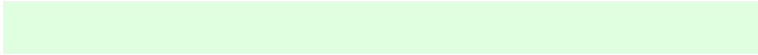
FFA3BB

Sweetspot

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



89E38C



E0FFE1



E0E389



6E806E



000000



808080

Same Dimension

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



89E38C



85FF89



89E3B9



677368



00B306



003302

Inverse Universe

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



E389E0



FF85FB



E389B3



736772



B300AD



330031

Previews

White Background



This preview shows how the Hex color 89E38C 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 89E38C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

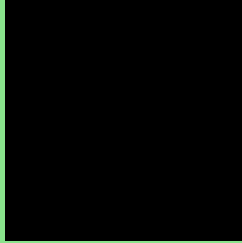
Any Text WCAG AA ✓ Pass

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 89E38C Background



This preview shows how black text looks on a background with the Hex color 89E38C.

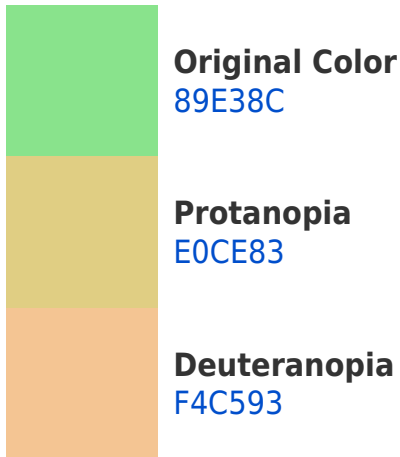


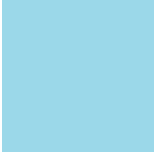
This preview shows how white text looks on a background with the Hex color 89E38C.

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](#).

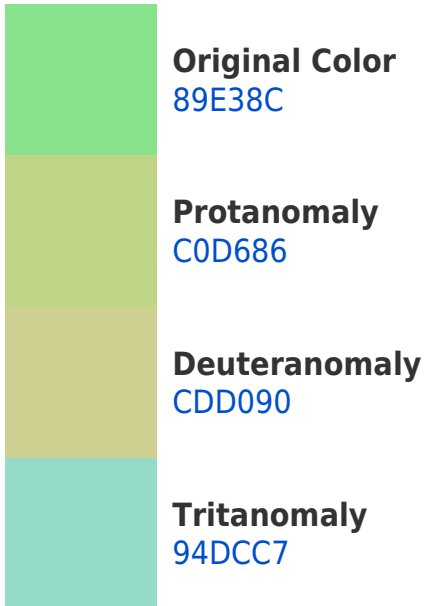
Dichromacy



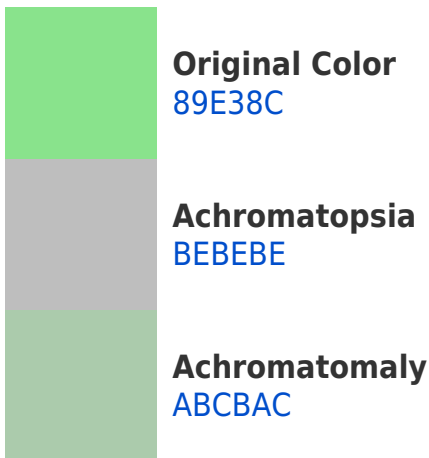


Tritanopia
9BD8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89E38C 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 #89E38C looks like.

```
.text, #text, p{  
    color:#89E38C  
}
```

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 #89E38C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89E38C
}
```

Border

The CSS property to change the border of an element to Hex 89E38C 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
#89E38C }
```

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

```
.border{ border-color:#89E38C }
```

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

Here you see how a box with a 4 pixel #89E38C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89E38C; -webkit-box-shadow:4px 4px  
4px 4px #89E38C; box-shadow:4px 4px 4px  
4px #89E38C }
```

Background

The CSS property to change the background color of an element to Hex 89E38C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89E38C }
```

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

```
.background{ background-color:#89E38C }
```

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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