

Converting Colors

Hex(99ED89)

Have a look what the booklet for
Hex(99ED89) contains.

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Color

Hex(99ED89)

Conversions

Conversions Part 1

Format	Color
Hex	99ED89
RGB	153, 237, 137
RGB Percent	60%, 93%, 54%
CMY	0.4000, 0.0706, 0.4627
CMYK	0.35, 0.00, 0.42, 0.07
HSL	110°, 74%, 73%
HSV	110°, 42%, 93%
XYZ	47.9364, 69.1468, 34.4871
YIQ	200.4840, -17.9640, -48.9080

Conversions

Conversions Part 2

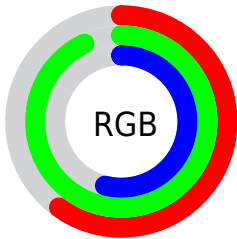
Format	Color
RYB	137, 237, 221
Decimal	10087817
CIELab	86.58, -44.14, 40.53
CIElCh	87, 59.925, 137.448
Yxy	69.1468, 0.3163, 0.4562
Android (android.graphics.Color)	4288277897 (0xFF99ED89)
YUV	200.4840, -31.2976, -41.6435
Hunter-Lab	83.1546, -42.6200, 33.6186

Details

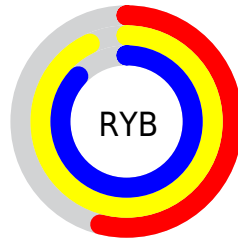
The Hex color **99ED89** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **DD89ED**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D2FFC0**, and **61B555** is the 20% darker color. If you saturate the color by 10%, you get **85ED71**, and if you desaturate by 10%, it is **ADEDA1**.

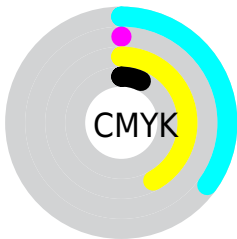
Distribution



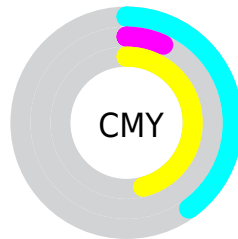
- Red (60%)
- Green (93%)
- Blue (54%)



- Red (54%)
- Yellow (93%)
- Blue (87%)



- Cyan (35%)
- Magenta (0%)
- Yellow (42%)
- Black (7%)



- Cyan (40%)
- Magenta (7%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99ED89 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 99ED89 by changing the saturation by 10% instead.

 99ED89

FFFFFF

 D2FFC0

 EFFFDC

 FFFFF9

 99ED89

 7DD06F

 61B555

 45993C

 287F23

 006506

 004C00

 003500

 001F00

 000000

 99ED89

 99ED89

 85ED71

 ADEDA1

 71ED5A

 C1EDB8

 5DED42

 D5EDD0

 49ED2A

 E9EDE8

 35ED12

 FDEDFD

 26ED00

 FFEDFF

Harmonies

Analogous

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



DAE068



99ED89



30F4BE

Triad

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



99ED89



00E6FF



FFAABA

Complementary

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



99ED89



DD89ED

Split Complementary

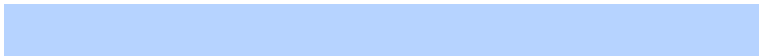
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFACF3



99ED89



B6D3FF

Square

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



99ED89



00F1FF



FFBDFD



FFB887

Rectangle

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



99ED89



00F6E6



FFBDFE



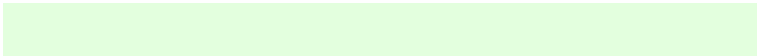
FFA9CD

Sweetspot

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



99ED89



E3FFDE



EDDC89



6E806B



000000



808080

Same Dimension

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



99ED89



92FF7D



89EDAA



6B756A



1DB500



093600

Inverse Universe

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



DD89ED



EA7DFF



ED89CC



736A75



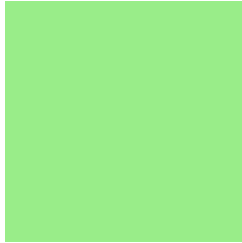
9800B5



2D0036

Previews

White Background



This preview shows how the Hex color 99ED89 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 99ED89 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

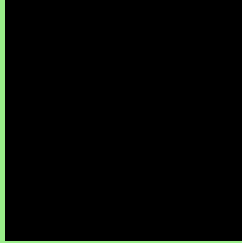
Any Text WCAG AA ✓ Pass

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 99ED89 Background



This preview shows how black text looks on a background with the Hex color 99ED89.

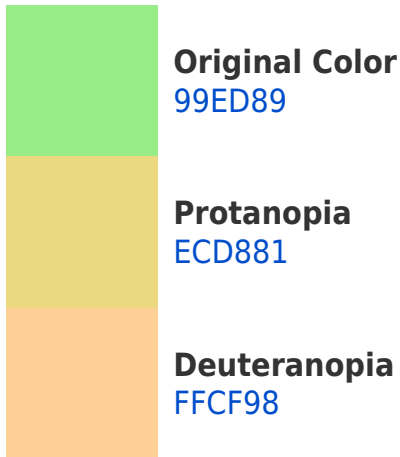


This preview shows how white text looks on a background with the Hex color 99ED89.

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](#).

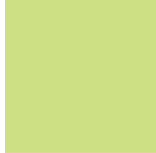
Dichromacy



Trichromacy



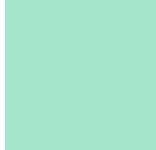
Original Color
99ED89



Protanomaly
CEE084



Deuteranomaly
DADA93

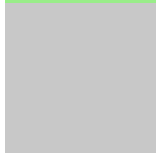


Tritanomaly
A5E5CC

Monochromacy



Original Color
99ED89



Achromatopsia
C8C8C8



Achromatomaly
B7D5B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 99ED89 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 #99ED89 looks like.

```
.text, #text, p{  
    color:#99ED89  
}
```

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 #99ED89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99ED89
}
```

Border

The CSS property to change the border of an element to Hex 99ED89 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
#99ED89 }
```

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

```
.border{ border-color:#99ED89 }
```

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

Here you see how a box with a 4 pixel #99ED89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99ED89; -webkit-box-shadow:4px 4px  
4px 4px #99ED89; box-shadow:4px 4px 4px  
4px #99ED89 }
```

Background

The CSS property to change the background color of an element to Hex 99ED89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99ED89 }
```

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

```
.background{ background-color:#99ED89 }
```

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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