

Converting Colors

Hex(99EC85)

Have a look what the booklet for
Hex(99EC85) contains.

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Color

Hex(99EC85)

Conversions

Conversions Part 1

Format	Color
Hex	99EC85
RGB	153, 236, 133
RGB Percent	60%, 93%, 52%
CMY	0.4000, 0.0745, 0.4784
CMYK	0.35, 0.00, 0.44, 0.07
HSL	108°, 73%, 72%
HSV	108°, 44%, 93%
XYZ	47.3660, 68.4567, 32.9073
YIQ	199.4410, -16.4050, -49.6290

Conversions

Conversions Part 2

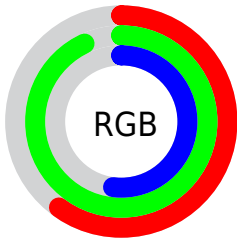
Format	Color
RYB	133, 236, 216
Decimal	10087557
CIELab	86.23, -44.25, 42.05
CIELCh	86, 61.045, 136.463
Yxy	68.4567, 0.3185, 0.4603
Android (android.graphics.Color)	4288277637 (0xFF99EC85)
YUV	199.4410, -32.7554, -40.7288
Hunter-Lab	82.7385, -42.6052, 34.3358

Details

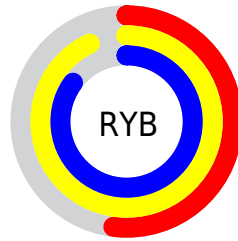
The Hex color **99EC85** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D885EC**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D2FFBB**, and **61B451** is the 20% darker color. If you saturate the color by 10%, you get **86EC6D**, and if you desaturate by 10%, it is **ACEC9D**.

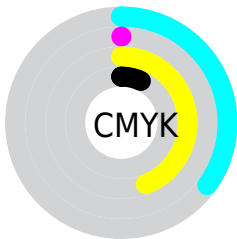
Distribution



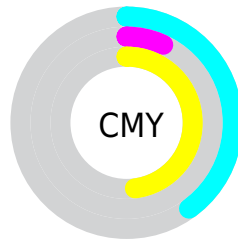
- Red (60%)
- Green (93%)
- Blue (52%)



- Red (52%)
- Yellow (93%)
- Blue (85%)



- Cyan (35%)
- Magenta (0%)
- Yellow (44%)
- Black (7%)



- Cyan (40%)
- Magenta (7%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99EC85 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 99EC85 by changing the saturation by 10% instead.

 99EC85

FFFFFF

 D2FFBB

 EFFFFD8

 FFFFF4

 99EC85

 7DCF6B

 61B451

 459838

 277E1E

 006400

 004C00

 003400

 001E00

 000000

 99EC85

 99EC85

 86EC6D

 ACEC9D

 73EC56

 BFECB4

 60EC3E

 D2ECCC

 4DEC27

 E5ECE3

 3AEC0F

 F8ECFB

 2EEC00

 FFECFF

Harmonies

Analogous

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



DBDF64



99EC85



2CF3BB

Triad

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



99EC85



00E5FF



FFA8BA

Complementary

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



99EC85



D885EC

Split Complementary

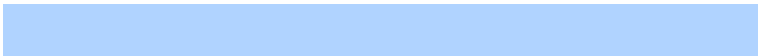
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFAAF4



99EC85



B0D3FF

Square

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



99EC85



00F1FF



FFBCFF



FFB686

Rectangle

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



99EC85



00F5E3



FFBCFF



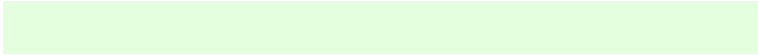
FFA6CD

Sweetspot

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



99EC85



E4FFDE



ECD785



6F806B



000000



808080

Same Dimension

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



99EC85



94FF7A



85ECA4



6C756A



23B500



0A3600

Inverse Universe

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



D885EC



E57AFF



EC85CD



736A75



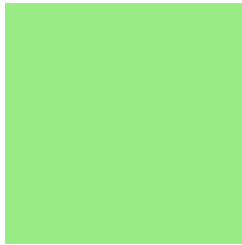
9200B5



2B0036

Previews

White Background



This preview shows how the Hex color 99EC85 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 99EC85 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

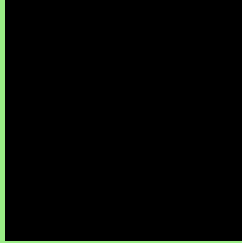
Any Text WCAG AA ✓ Pass

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 99EC85 Background



This preview shows how black text looks on a background with the Hex color 99EC85.

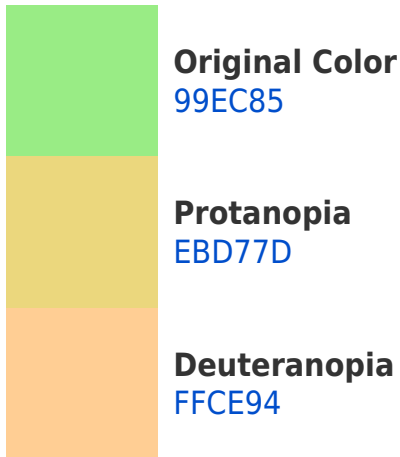


This preview shows how white text looks on a background with the Hex color 99EC85.

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
99EC85



Protanomaly
CDDF80



Deuteranomaly
DAD98F



Tritanomaly
A5E4CA

Monochromacy



Original Color
99EC85



Achromatopsia
C7C7C7



Achromatomaly
B6D4AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 99EC85 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 #99EC85 looks like.

```
.text, #text, p{  
    color:#99EC85  
}
```

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 #99EC85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99EC85
}
```

Border

The CSS property to change the border of an element to Hex 99EC85 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
#99EC85 }
```

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

```
.border{ border-color:#99EC85 }
```

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

Here you see how a box with a 4 pixel #99EC85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99EC85; -webkit-box-shadow:4px 4px  
4px 4px #99EC85; box-shadow:4px 4px 4px  
4px #99EC85 }
```

Background

The CSS property to change the background color of an element to Hex 99EC85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99EC85 }
```

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

```
.background{ background-color:#99EC85 }
```

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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