

Converting Colors

Hex(C1EA93)

Have a look what the booklet for
Hex(C1EA93) contains.

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Color

Hex(C1EA93)

Conversions

Conversions Part 1

Format	Color
Hex	C1EA93
RGB	193, 234, 147
RGB Percent	76%, 92%, 58%
CMY	0.2431, 0.0824, 0.4235
CMYK	0.18, 0.00, 0.37, 0.08
HSL	88°, 67%, 75%
HSV	88°, 37%, 92%
XYZ	56.6816, 72.2897, 38.5696
YIQ	211.8230, 3.4910, -35.7490

Conversions

Conversions Part 2

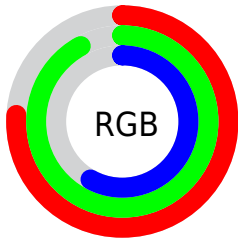
Format	Color
RYB	147, 234, 188
Decimal	12708499
CIELab	88.11, -27.88, 37.98
CIElCh	88, 47.119, 126.278
Yxy	72.2897, 0.3383, 0.4315
Android (android.graphics.Color)	4290898579 (0xFFC1EA93)
YUV	211.8230, -31.9577, -16.5078
Hunter-Lab	85.0233, -29.7922, 32.6203

Details

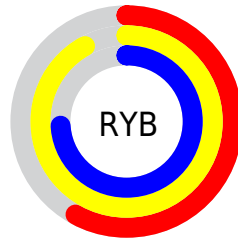
The Hex color **C1EA93** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BC93EA**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FAFFCA**, and **8AB25F** is the 20% darker color. If you saturate the color by 10%, you get **B6EA7C**, and if you desaturate by 10%, it is **CCEAAA**.

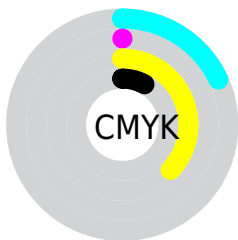
Distribution



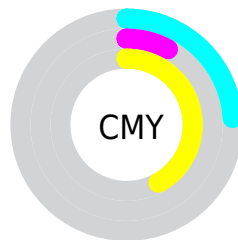
- Red (76%)
- Green (92%)
- Blue (58%)



- Red (58%)
- Yellow (92%)
- Blue (74%)



- Cyan (18%)
- Magenta (0%)
- Yellow (37%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1EA93 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 C1EA93 by changing the saturation by 10% instead.

 C1EA93

FFFFFF

 FAFFCA

 FFFF66

 C1EA93

 A5CE79

 8AB25F

 709746

 567D2E

 3C6415

 234C00

 093500

 002100

 000000

 C1EA93

 C1EA93

 B6EA7C

 CCEAAA

 ABEA64

 D7EAC2

 A0EA4D

 E2EAD9

 95EA35

 EDEAF1

 8AEA1E

 F8EAFF

 7FEA07

 FFEAFF

 7CEA00

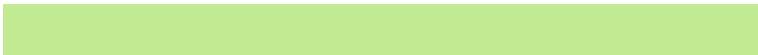
Harmonies

Analogous

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



F1DD83



C1EA93



8AF2B7

Triad

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



C1EA93



57EBFF



FFBAD5

Complementary

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



C1EA93



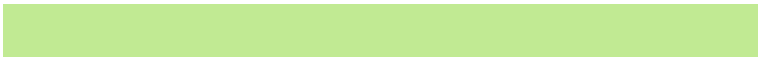
BC93EA

Split Complementary

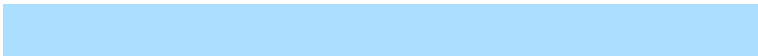
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBFFF



C1EA93



ABDEFF

Square

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



C1EA93



00F3FF



EECEFF



FFC0AA

Rectangle

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



C1EA93



5FF5D6



EECEFF



FFBAE4

Sweetspot

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



C1EA93



F2FFE3



EABC93



78806F



000000



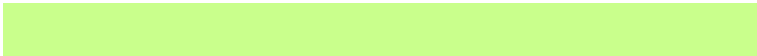
808080

Same Dimension

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



C1EA93



C9FF8C



96EA93



70756A



60B500



1C3600

Inverse Universe

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



BC93EA



C28CFF



E793EA



6F6A75



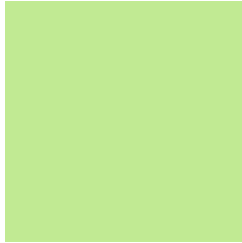
5500B5



190036

Previews

White Background



This preview shows how the Hex color C1EA93 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 C1EA93 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 C1EA93 Background



This preview shows how black text looks on a background with the Hex color C1EA93.

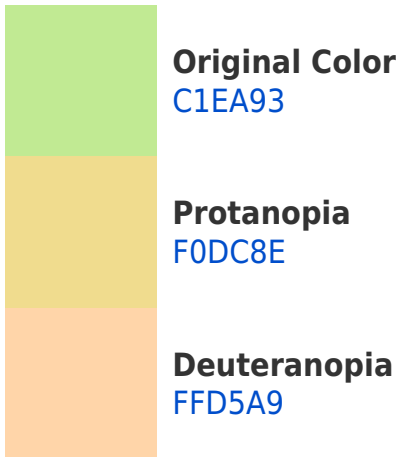


This preview shows how white text looks on a background with the Hex color C1EA93.

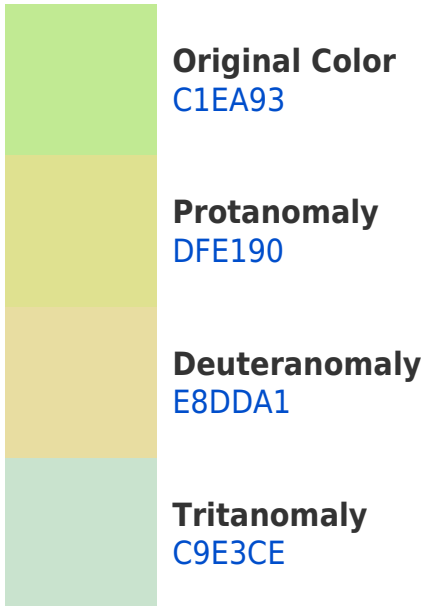
Color Blindness Simulation

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](#).

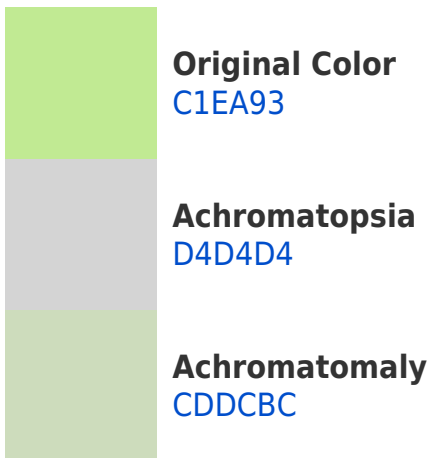
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1EA93 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 #C1EA93 looks like.

```
.text, #text, p{  
    color:#C1EA93  
}
```

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 #C1EA93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1EA93
}
```

Border

The CSS property to change the border of an element to Hex C1EA93 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
#C1EA93 }
```

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

```
.border{ border-color:#C1EA93 }
```

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

Here you see how a box with a 4 pixel #C1EA93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1EA93; -webkit-box-shadow:4px 4px  
4px 4px #C1EA93; box-shadow:4px 4px 4px  
4px #C1EA93 }
```

Background

The CSS property to change the background color of an element to Hex C1EA93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1EA93 }
```

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

```
.background{ background-color:#C1EA93 }
```

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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