

Converting Colors

Hex(C1E2A3)

Have a look what the booklet for
Hex(C1E2A3) contains.

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Color

Hex(C1E2A3)

Conversions

Conversions Part 1

Format	Color
Hex	C1E2A3
RGB	193, 226, 163
RGB Percent	76%, 89%, 64%
CMY	0.2431, 0.1137, 0.3608
CMYK	0.15, 0.00, 0.28, 0.11
HSL	91°, 52%, 76%
HSV	91°, 28%, 89%
XYZ	55.7995, 68.3745, 44.9070
YIQ	208.9510, 0.5550, -26.5890

Conversions

Conversions Part 2

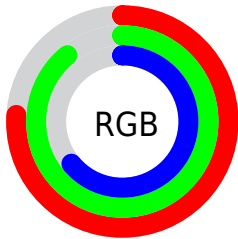
Format	Color
RYB	163, 226, 196
Decimal	12706467
CIELab	86.19, -21.82, 27.32
CIELCh	86, 34.968, 128.615
Yxy	68.3745, 0.3300, 0.4044
Android (android.graphics.Color)	4290896547 (0xFFC1E2A3)
YUV	208.9510, -22.6538, -13.9890
Hunter-Lab	82.6889, -24.2514, 25.6828

Details

The Hex color **C1E2A3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C4A3E2**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FAFFDA**, and **8BAB6F** is the 20% darker color. If you saturate the color by 10%, you get **B5E28C**, and if you desaturate by 10%, it is **CDE2BA**.

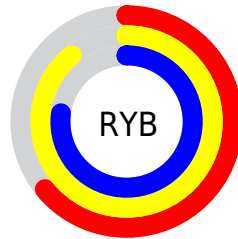
Distribution



Red (76%)

Green (89%)

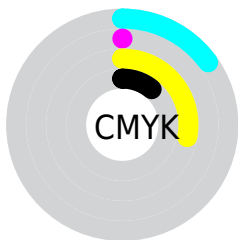
Blue (64%)



Red (64%)

Yellow (89%)

Blue (77%)

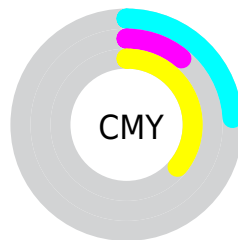


Cyan (15%)

Magenta (0%)

Yellow (28%)

Black (11%)



Cyan (24%)

Magenta (11%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1E2A3 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 C1E2A3 by changing the saturation by 10% instead.

 C1E2A3

FFFFFF


 FAFFDA

 FFFFF7

 C1E2A3

 A5C688

 8BAB6F

 719056

 57763E

 3F5D27

 274611

 132F00

 001C00

 000000

 C1E2A3

 C1E2A3

 B5E28C

 CDE2BA

 A9E276

 D9E2D0

 9DE25F

 E5E2E7

 92E249

 F0E2FD

 86E232

 FCE2FF

 7AE21B

 FFE2FF

 6EE205

 6CE200

Harmonies

Analogous

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



E6D996



C1E2A3



9AE8BE

Triad

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



C1E2A3



8BE2FF



FFBFCF

Complementary

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



C1E2A3



C4A3E2

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.



FFC2F1



C1E2A3



BBD7FF

Square

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



C1E2A3



6FE8FF



E9CCFF



FFC4B0

Rectangle

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



C1E2A3



83EAD5



E9CCFF



FFBFDA

Sweetspot

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



C1E2A3



F4FFE8



E2C4A3



798073



000000



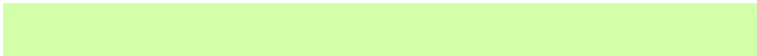
808080

Same Dimension

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



C1E2A3



D3FFAB



A3E2A4



6A7065



54B000



173000

Inverse Universe

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



C4A3E2



D7ABFF



E2A3E1



6B6570



5C00B0



190030

Previews

White Background



This preview shows how the Hex color C1E2A3 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 C1E2A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

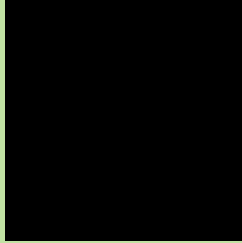
Any Text WCAG AA ✓ Pass

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 C1E2A3 Background



This preview shows how black text looks on a background with the Hex color C1E2A3.

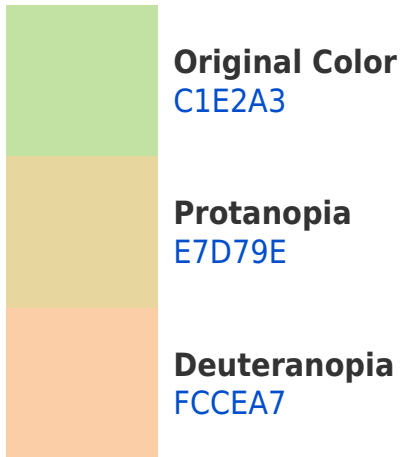


This preview shows how white text looks on a background with the Hex color C1E2A3.

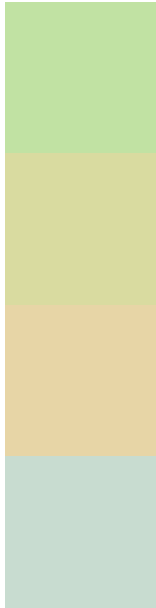
Color Blindness Simulation

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



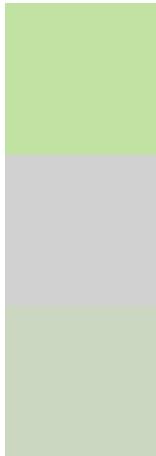
Original Color
C1E2A3

Protanomaly
D9DBA0

Deuteranomaly
E7D5A6

Tritanomaly
C8DCD0

Monochromacy



Original Color
C1E2A3

Achromatopsia
D1D1D1

Achromatomaly
CBD7C0

CSS Examples

Text

The CSS property to change the color of the text to Hex C1E2A3 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 #C1E2A3 looks like.

```
.text, #text, p{  
    color:#C1E2A3  
}
```

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 #C1E2A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E2A3  
}
```

Border

The CSS property to change the border of an element to Hex C1E2A3 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  
#C1E2A3 }
```

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

```
.border{ border-color:#C1E2A3 }
```

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

Here you see how a box with a 4 pixel #C1E2A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E2A3; -webkit-box-shadow:4px 4px  
4px 4px #C1E2A3; box-shadow:4px 4px 4px  
4px #C1E2A3 }
```

Background

The CSS property to change the background color of an element to Hex C1E2A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E2A3 }
```

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

```
.background{ background-color:#C1E2A3 }
```

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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