

Converting Colors

Hex(C2E6A1)

Have a look what the booklet for
Hex(C2E6A1) contains.

Hex(C2E6A1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C2E6A1)

Conversions

Conversions Part 1

Format	Color
Hex	C2E6A1
RGB	194, 230, 161
RGB Percent	76%, 90%, 63%
CMY	0.2392, 0.0980, 0.3686
CMYK	0.16, 0.00, 0.30, 0.10
HSL	91°, 58%, 77%
HSV	91°, 30%, 90%
XYZ	56.9780, 70.6362, 44.3493
YIQ	211.3700, 0.6930, -29.0910

Conversions

Conversions Part 2

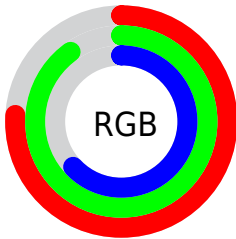
Format	Color
RYB	161, 230, 197
Decimal	12773025
CIELab	87.31, -23.70, 29.86
CIElCh	87, 38.125, 128.436
Yxy	70.6362, 0.3313, 0.4108
Android (android.graphics.Color)	4290963105 (0xFFC2E6A1)
YUV	211.3700, -24.8324, -15.2335
Hunter-Lab	84.0453, -26.0664, 27.5454

Details

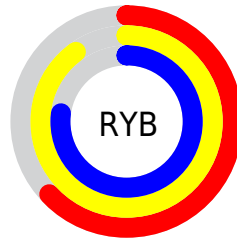
The Hex color **C2E6A1** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **C5A1E6**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FBFFD8**, and **8CAE6D** is the 20% darker color. If you saturate the color by 10%, you get **B6E68A**, and if you desaturate by 10%, it is **CEE6B8**.

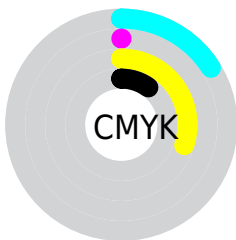
Distribution



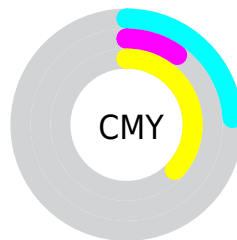
- Red (76%)
- Green (90%)
- Blue (63%)



- Red (63%)
- Yellow (90%)
- Blue (77%)



- Cyan (16%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2E6A1 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 C2E6A1 by changing the saturation by 10% instead.

 C2E6A1

 C2E6A1

FFFFFF

 A6CA86

 FBFFD8

 8CAE6D

 FFFFF5

 719454

 587A3C

 3F6125

 27490D

 123200

 001E00

 000000

 C2E6A1

 C2E6A1

 B6E68A

 CEE6B8

 AAE673

 DAE6CF

 9EE65C

 E6E6E6

 92E645

 F2E6FD

 86E62E

 FEE6FF

 7AE617

 FFE6FF

 6EE600

Harmonies

Analogous

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



EADC93



C2E6A1



97ECBF

Triad

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



C2E6A1



84E6FF



FFBFD2

Complementary

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



C2E6A1



C5A1E6

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.



FFC3F6



C2E6A1



BADBFF

Square

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



C2E6A1



62EDFF



EDCEFF



FFC5AF

Rectangle

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



C2E6A1



7CEED8



EDCEFF



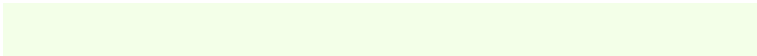
FFC0DE

Sweetspot

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



C2E6A1



F3FFE8



E6C5A1



788071



000000



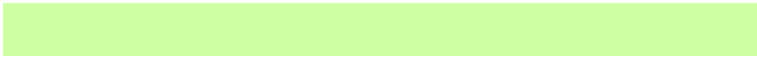
808080

Same Dimension

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



C2E6A1



CFFFA3



A1E6A2



6D7367



55B300



183300

Inverse Universe

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



C5A1E6



D3A3FF



E6A1E5



6D6773



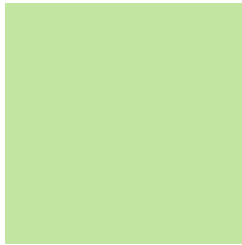
5D00B3



1B0033

Previews

White Background



This preview shows how the Hex color C2E6A1 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 C2E6A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

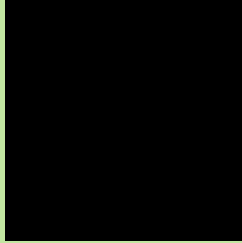
Any Text WCAG AA ✓ Pass

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 C2E6A1 Background



This preview shows how black text looks on a background with the Hex color C2E6A1.

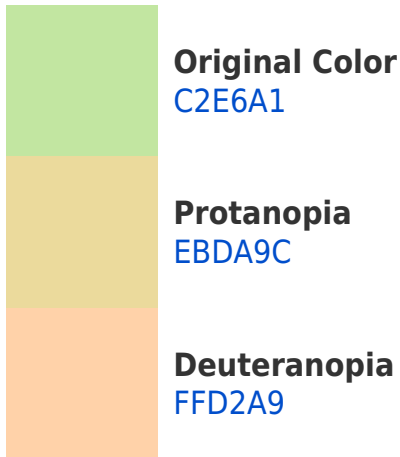


This preview shows how white text looks on a background with the Hex color C2E6A1.

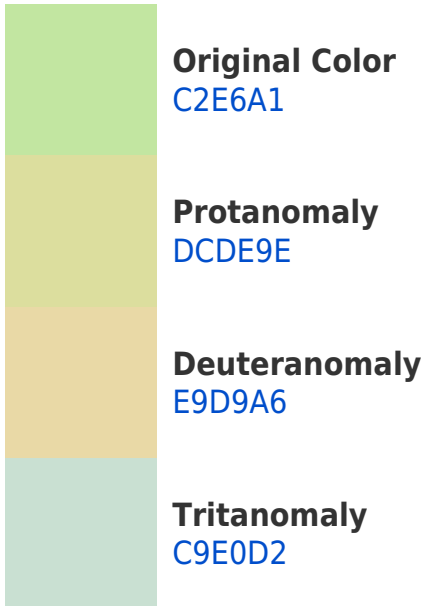
Color Blindness Simulation

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](#).

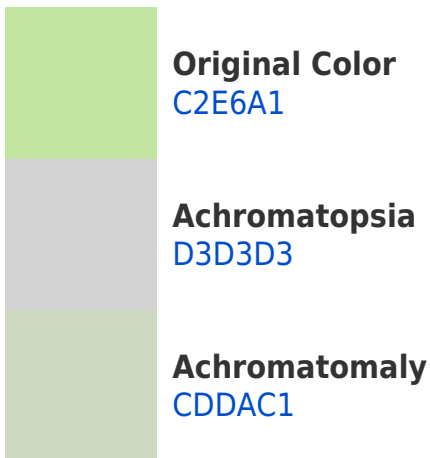
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2E6A1 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 #C2E6A1 looks like.

```
.text, #text, p{  
    color:#C2E6A1  
}
```

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 #C2E6A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E6A1
}
```

Border

The CSS property to change the border of an element to Hex C2E6A1 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
#C2E6A1 }
```

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

```
.border{ border-color:#C2E6A1 }
```

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

Here you see how a box with a 4 pixel #C2E6A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E6A1; -webkit-box-shadow:4px 4px  
4px 4px #C2E6A1; box-shadow:4px 4px 4px  
4px #C2E6A1 }
```

Background

The CSS property to change the background color of an element to Hex C2E6A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E6A1 }
```

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

```
.background{ background-color:#C2E6A1 }
```

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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