

Converting Colors

Hex(C2E6B3)

Have a look what the booklet for
Hex(C2E6B3) contains.

Hex(C2E6B3)	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(C2E6B3)

Conversions

Conversions Part 1

Format	Color
Hex	C2E6B3
RGB	194, 230, 179
RGB Percent	76%, 90%, 70%
CMY	0.2392, 0.0980, 0.2980
CMYK	0.16, 0.00, 0.22, 0.10
HSL	102°, 50%, 80%
HSV	102°, 22%, 90%
XYZ	58.6816, 71.3176, 53.3207
YIQ	213.4220, -5.0850, -23.4930

Conversions

Conversions Part 2

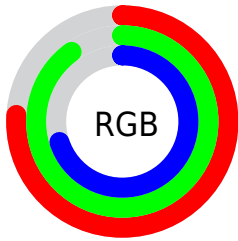
Format	Color
RYB	179, 230, 215
Decimal	12773043
CIELab	87.64, -20.97, 21.04
CIElCh	88, 29.707, 134.894
Yxy	71.3176, 0.3201, 0.3890
Android (android.graphics.Color)	4290963123 (0xFFC2E6B3)
YUV	213.4220, -16.9700, -17.0331
Hunter-Lab	84.4498, -23.7528, 21.6798

Details

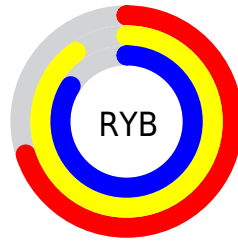
The Hex color **C2E6B3** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **D7B3E6**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FBFFEB**, and **8CAE7E** is the 20% darker color. If you saturate the color by 10%, you get **B2E69C**, and if you desaturate by 10%, it is **D2E6CA**.

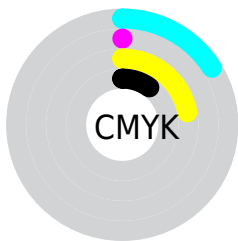
Distribution



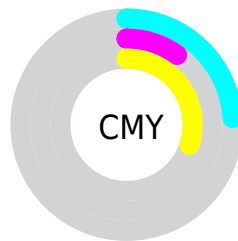
- Red (76%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (84%)



- Cyan (16%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2E6B3 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 C2E6B3 by changing the saturation by 10% instead.

 C2E6B3

FFFFFF

 FBFFEB

 C2E6B3

 A7CA98

 8CAE7E

 729465

 597A4D

 416135

 29491F

 123209

 001E00

 000000

 C2E6B3

 C2E6B3

 B2E69C

 D2E6CA

 A2E685

 E2E6E1

 91E66E

 F3E6F8

 81E657

 FFE6FF

 71E640

 61E629

 50E612

 44E600

Harmonies

Analogous

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



E2DEA5



C2E6B3



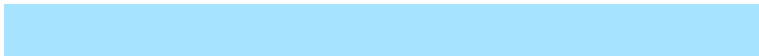
A3EBCC

Triad

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



C2E6B3



A6E3FF



FFC7CE

Complementary

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



C2E6B3



D7B3E6

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.



FFC9EB



C2E6B3



CDD9FF

Square

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



C2E6B3



8CE9FF



F1D0FF



FFCCB5

Rectangle

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



C2E6B3



92ECDF



F1D0FF



FFC7D8

Sweetspot

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



C2E6B3



F2FFED



E6D7B3



788075



000000



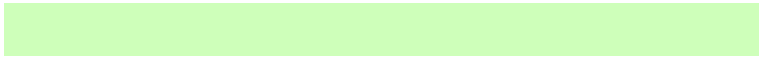
808080

Same Dimension

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



C2E6B3



CEFFBA



B3E6BD



6B7367



35B300



0F3300

Inverse Universe

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



D7B3E6



EBBAFF



E6B3DC



6F6773



7E00B3



240033

Previews

White Background



This preview shows how the Hex color C2E6B3 looks on a white background.

Color Contrast Check

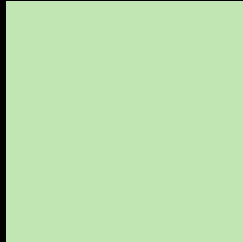
Large Text (above 18pt) WCAG AA × Fail

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 C2E6B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

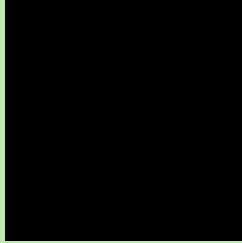
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

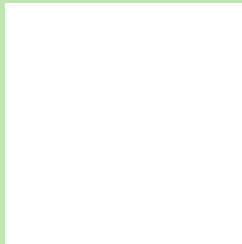
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C2E6B3 Background



This preview shows how black text looks on a background with the Hex color C2E6B3.

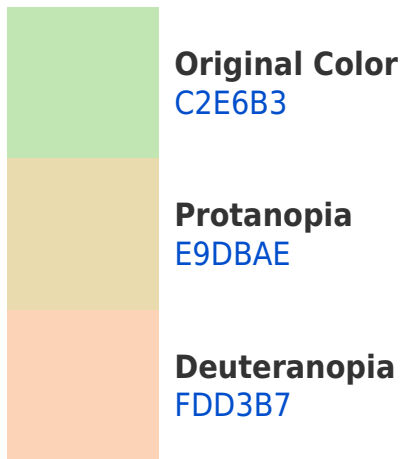


This preview shows how white text looks on a background with the Hex color C2E6B3.

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](#).

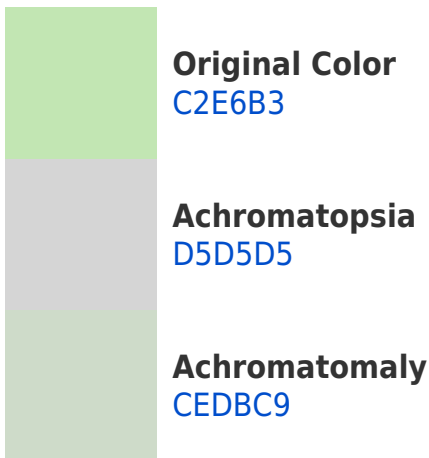
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2E6B3 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 #C2E6B3 looks like.

```
.text, #text, p{  
    color:#C2E6B3  
}
```

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 #C2E6B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E6B3  
}
```

Border

The CSS property to change the border of an element to Hex C2E6B3 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  
#C2E6B3 }
```

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

```
.border{ border-color:#C2E6B3 }
```

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

Here you see how a box with a 4 pixel #C2E6B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E6B3; -webkit-box-shadow:4px 4px  
4px 4px #C2E6B3; box-shadow:4px 4px 4px  
4px #C2E6B3 }
```

Background

The CSS property to change the background color of an element to Hex C2E6B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E6B3 }
```

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

```
.background{ background-color:#C2E6B3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor