

# Converting Colors

Hex(C2EED1)

Have a look what the booklet for  
Hex(C2EED1) contains.

<b>Hex(C2EED1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C2EED1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2EED1
RGB	194, 238, 209
RGB Percent	76%, 93%, 82%
CMY	0.2392, 0.0667, 0.1804
CMYK	0.18, 0.00, 0.12, 0.07
HSL	140°, 56%, 85%
HSV	140°, 18%, 93%
XYZ	64.3313, 77.2219, 71.8363
YIQ	221.5380, -16.9150, -18.3470

# Conversions

## Conversions Part 2

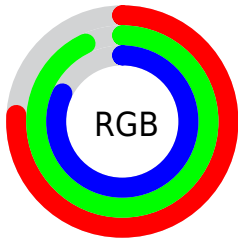
Format	Color
<a href="#">RYB</a>	<a href="#">194, 227, 238</a>
Decimal	<a href="#">12775121</a>
CIELab	<a href="#">90.42, -19.72, 9.38</a>
CIELCh	<a href="#">90, 21.839, 154.567</a>
Yxy	<a href="#">77.2219, 0.3015, 0.3619</a>
Android (android.graphics.Color)	<a href="#">4290965201 (0xFFC2EED1)</a>
YUV	<a href="#">221.5380, -6.1812, -24.1508</a>
Hunter-Lab	<a href="#">87.8760, -23.1086, 13.0452</a>

# Details

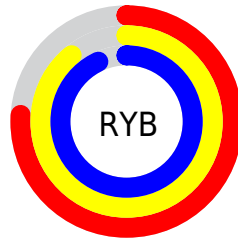
The Hex color **C2EED1** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EEC2DF**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FBFFFF**, and **8CB69B** is the 20% darker color. If you saturate the color by 10%, you get **AAEEC1**, and if you desaturate by 10%, it is **DAEEE1**.

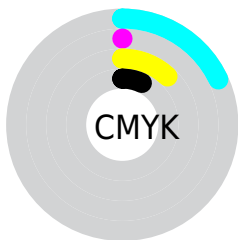
# Distribution



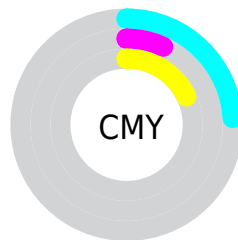
- Red (76%)
- Green (93%)
- Blue (82%)



- Red (76%)
- Yellow (89%)
- Blue (93%)



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2EED1 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 C2EED1 by changing the saturation by 10% instead.



 C2EED1

FFFFFF

 FBFFFF

 C2EED1

 A7D2B5


 8CB69B

 729B81

 598167

 40684F

 294F38

 113823

 00230E

 000300

 C2EED1

 C2EED1

 AAEEC1

 DAEEE1

 92EEB2

 F2EEF0

 7BEEA2

 FFEEFF

 63EE92

 4BEE83

 33EE73

 1BEE63

 04EE54

 00EE51

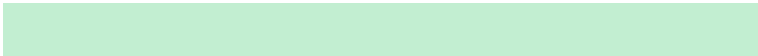
# Harmonies

## Analogous

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



D9EAC1



C2EED1



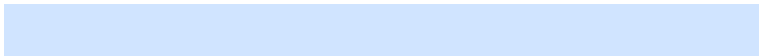
B1F0E6

# Triad

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



C2EED1



D0E4FF



FFD7CD

# Complementary

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



C2EED1



EEC2DF

# 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.



FFD5E1



C2EED1



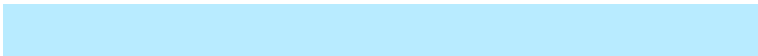
EBDDFF

# Square

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



C2EED1



B8EBFF



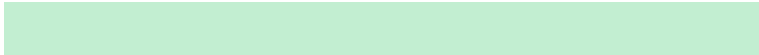
FFD7F6



FFDCBE

# Rectangle

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



C2EED1



ACEFF4



FFD7F6

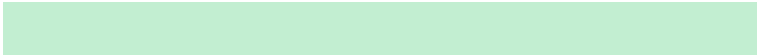


FFD6D3



# Sweetspot

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



C2EED1



F0FFF5



DFEEC2



77807A



000000



808080

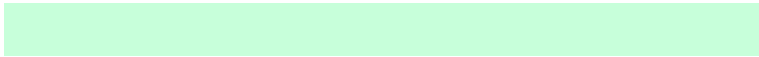


# Same Dimension

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



C2EED1



C7FFDA



C2EEE7



6C7870



00B83F



003813



# Inverse Universe

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



EEC2DF



FFC7EC



EEC2C9



786C74



B80079

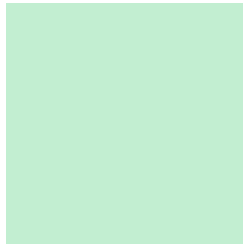


380025



# Previews

## White Background



This preview shows how the Hex color C2EED1 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 C2EED1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

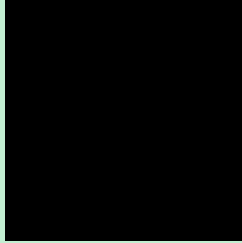
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

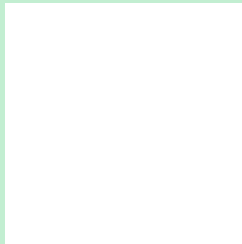
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2EED1 Background



This preview shows how black text looks on a background with the Hex color C2EED1.

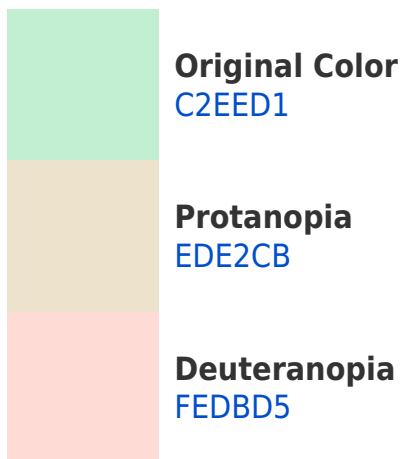


This preview shows how white text looks on a background with the Hex color C2EED1.

# 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](#).

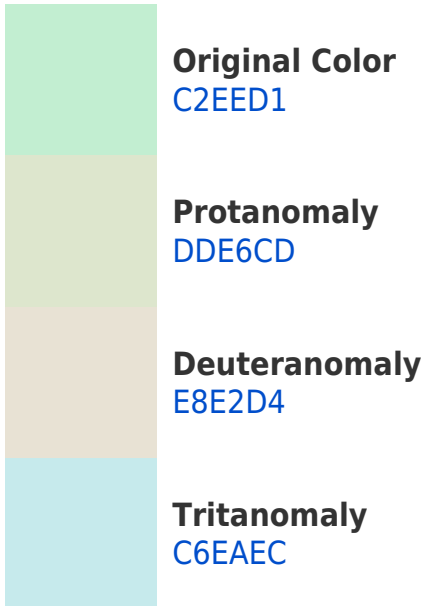
## Dichromacy



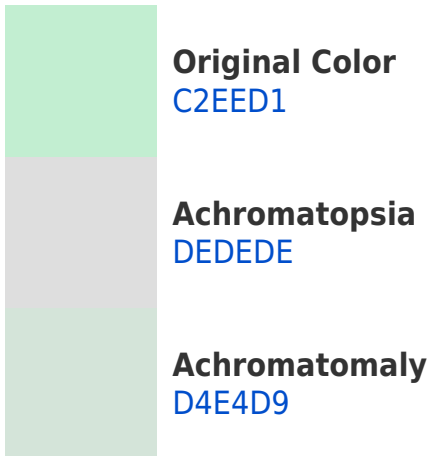


**Tritanopia**  
C9E8FB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2EED1 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 #C2EED1 looks like.

```
.text, #text, p{  
    color:#C2EED1  
}
```

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 #C2EED1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2EED1
}
```

## Border

The CSS property to change the border of an element to Hex C2EED1 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
#C2EED1 }
```

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

```
.border{ border-color:#C2EED1 }
```

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

Here you see how a box with a 4 pixel #C2EED1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2EED1; -webkit-box-shadow:4px 4px  
4px 4px #C2EED1; box-shadow:4px 4px 4px  
4px #C2EED1 }
```

# Background

The CSS property to change the background color of an element to Hex C2EED1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2EED1 }
```

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

```
.background{ background-color:#C2EED1 }
```

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