

# Converting Colors

Hex(C3E7D2)

Have a look what the booklet for  
Hex(C3E7D2) contains.

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# **Color**

**Hex(C3E7D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3E7D2
RGB	195, 231, 210
RGB Percent	76%, 91%, 82%
CMY	0.2353, 0.0941, 0.1765
CMYK	0.16, 0.00, 0.09, 0.09
HSL	145°, 43%, 84%
HSV	145°, 16%, 91%
XYZ	62.7144, 73.4071, 71.8363
YIQ	217.8420, -14.7150, -14.1630

# Conversions

## Conversions Part 2

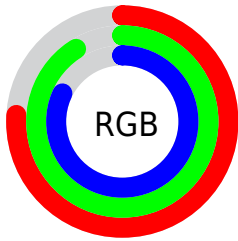
Format	Color
<b>RYB</b>	195, 220, 231
Decimal	12838866
CIELab	88.64, -15.75, 6.31
CIELCh	89, 16.965, 158.180
Yxy	73.4071, 0.3016, 0.3530
Android (android.graphics.Color)	4291028946 (0xFFC3E7D2)
YUV	217.8420, -3.8661, -20.0324
Hunter-Lab	85.6779, -19.2781, 10.2631

# Details

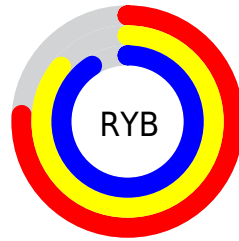
The Hex color **C3E7D2** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E7C3D8**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FCFFFF**, and **8DAF9C** is the 20% darker color. If you saturate the color by 10%, you get **ACE7C5**, and if you desaturate by 10%, it is **DAE7DF**.

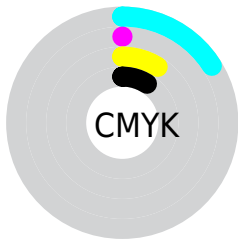
# Distribution



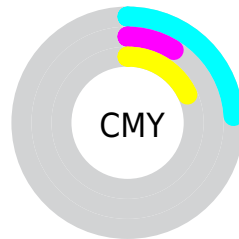
- Red (76%)
- Green (91%)
- Blue (82%)



- Red (76%)
- Yellow (86%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3E7D2 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 C3E7D2 by changing the saturation by 10% instead.



 C3E7D2

 C3E7D2

FFFFFF

 A8CBB6

 FCFFFF

 8DAF9C

 739582

 5A7B68

 426250

 2B4A39

 153324

 001E0F

 000000

 C3E7D2

 C3E7D2

 ACE7C5

 DAE7DF

 95E7B7

 F1E7ED

 7EE7AA

 FFE7FA

 67E79C

 FFE7FF

 4FE78F

 38E781

 21E774

 0AE766

 00E760

# Harmonies

## Analogous

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



D5E4C5



C3E7D2



B7E8E2

# Triad

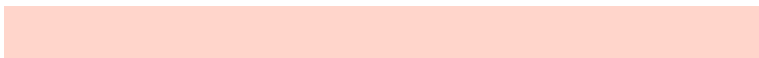
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C3E7D2



D3DEFE



FFD5CB

# Complementary

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



C3E7D2



E7C3D8

# 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.



FFD3DB



C3E7D2



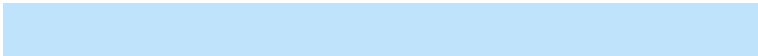
E7D9F8

# Square

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



C3E7D2



C0E3FC



F8D5EB



F6D9C1

# Rectangle

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



C3E7D2



B5E8ED



F8D5EB



FFD4D0

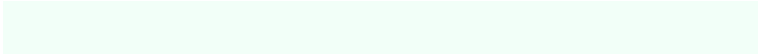


# Sweetspot

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



C3E7D2



F2FFF8



D8E7C3



78807B



000000



808080

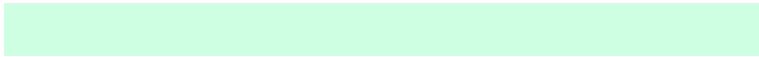


# Same Dimension

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



C3E7D2



CFFFE3



C3E7E4



67736C



00B34A



003315



# Inverse Universe

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



E7C3D8



FFCFEB



E7C3C6



73676E



B30068

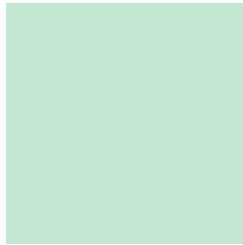


33001E



# Previews

## White Background



This preview shows how the Hex color C3E7D2 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 C3E7D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

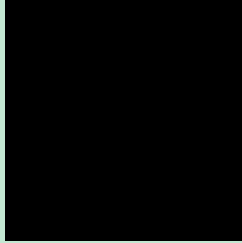
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

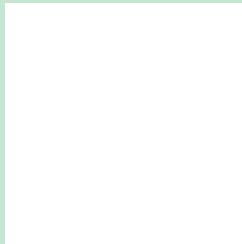
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C3E7D2 Background



This preview shows how black text looks on a background with the Hex color C3E7D2.

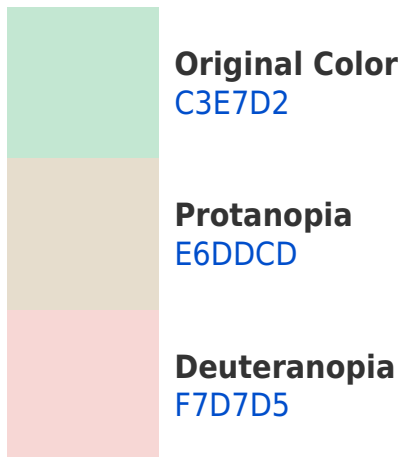


This preview shows how white text looks on a background with the Hex color C3E7D2.

# 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



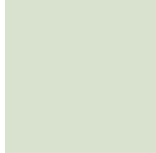


**Tritanopia**  
C9E2F4

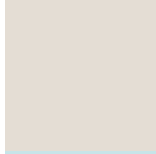
# Trichromacy



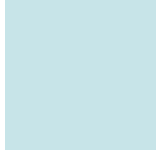
**Original Color**  
C3E7D2



**Protanomaly**  
D9E1CF

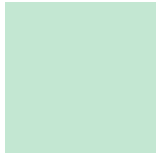


**Deuteranomaly**  
E4DDD4

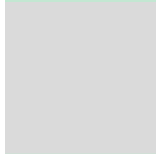


**Tritanomaly**  
C7E4E8

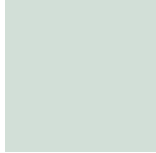
# Monochromacy



**Original Color**  
C3E7D2



**Achromatopsia**  
DADADA



**Achromatomaly**  
D2DFD7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3E7D2 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 #C3E7D2 looks like.

```
.text, #text, p{  
    color:#C3E7D2  
}
```

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 #C3E7D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3E7D2
}
```

## Border

The CSS property to change the border of an element to Hex C3E7D2 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
#C3E7D2 }
```

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

```
.border{ border-color:#C3E7D2 }
```

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

Here you see how a box with a 4 pixel `#C3E7D2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3E7D2; -webkit-box-shadow:4px 4px  
4px 4px #C3E7D2; box-shadow:4px 4px 4px  
4px #C3E7D2 }
```

# Background

The CSS property to change the background color of an element to Hex C3E7D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3E7D2 }
```

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

```
.background{ background-color:#C3E7D2 }
```

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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