

# Converting Colors

Hex(C5E7DA)

Have a look what the booklet for  
Hex(C5E7DA) contains.

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# **Color**

**Hex(C5E7DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5E7DA
RGB	197, 231, 218
RGB Percent	77%, 91%, 85%
CMY	0.2275, 0.0941, 0.1451
CMYK	0.15, 0.00, 0.06, 0.09
HSL	157°, 41%, 84%
HSV	157°, 15%, 91%
XYZ	64.2568, 74.0841, 77.2426
YIQ	219.3520, -16.0910, -11.2510

# Conversions

## Conversions Part 2

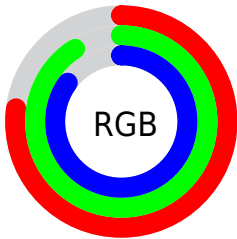
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 218, 231
Decimal	12969946
CIELab	88.96, -13.59, 2.60
CIELCh	89, 13.839, 169.186
Yxy	74.0841, 0.2981, 0.3436
Android (android.graphics.Color)	4291160026 (0xFFC5E7DA)
YUV	219.3520, -0.6665, -19.6027
Hunter-Lab	86.0721, -17.3678, 7.0426

# Details

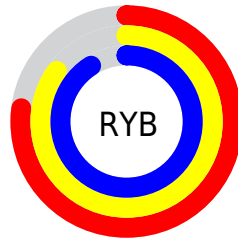
The Hex color **C5E7DA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E7C5D2**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FEFFFF**, and **8FAFA3** is the 20% darker color. If you saturate the color by 10%, you get **AEE7D1**, and if you desaturate by 10%, it is **DCE7E3**.

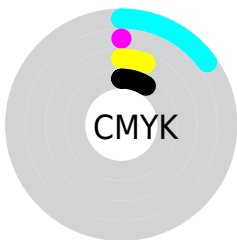
# Distribution



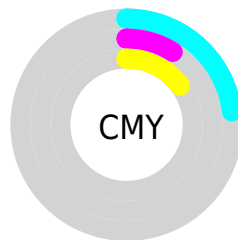
- Red (77%)
- Green (91%)
- Blue (85%)



- Red (77%)
- Yellow (85%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5E7DA 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 C5E7DA by changing the saturation by 10% instead.



 C5E7DA

FFFFFF

FEFFFF

 C5E7DA

 AACBBE

 8FAFA3

 759589

 5C7B70

 446257

 2D4A40

 17332A

 001E16

 000000

 C5E7DA

 C5E7DA

 AEE7D1

 DCE7E3

 97E7C8

 F3E7EC

 80E7C0

 FFE7F4

 69E7B7

 FFE7FD

 52E7AE

 FFE7FF

 3AE7A5

 23E79C

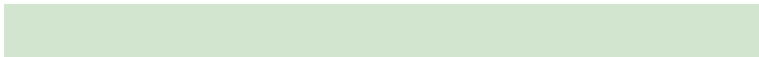
 0CE793

 00E78F

# Harmonies

## Analogous

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



D2E5CE



C5E7DA



BEE7E8

# Triad

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



C5E7DA



DCDEF8



F9D9CC

# Complementary

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



C5E7DA



E7C5D2

# 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.



FCD7D7



C5E7DA



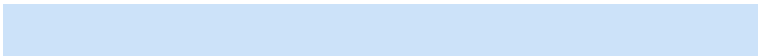
ECDAF1

# Square

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



C5E7DA



CCE2F9



F8D7E5



EFDDC6

# Rectangle

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



C5E7DA



BFE6F0



F8D7E5



FBD8CF



# Sweetspot

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



C5E7DA



F5FFFB



D2E7C5



79807D



000000



808080

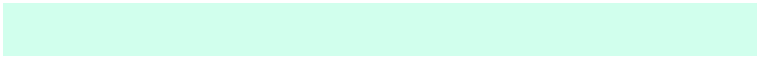


# Same Dimension

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



C5E7DA



D1FFED



C5E3E7



67736E



00B36E



00331F



# Inverse Universe

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



E7C5D2



FFD1E3



E7C9C5



73676C



B30044

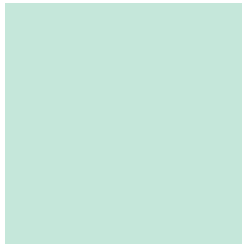


330014



# Previews

## White Background



This preview shows how the Hex color C5E7DA looks on a white background.

## Color Contrast Check

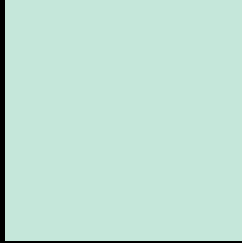
Large Text (above 18pt) WCAG AA × Fail

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 C5E7DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

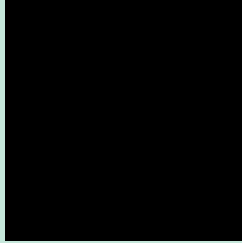
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

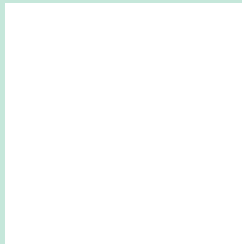
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C5E7DA Background



This preview shows how black text looks on a background with the Hex color C5E7DA.

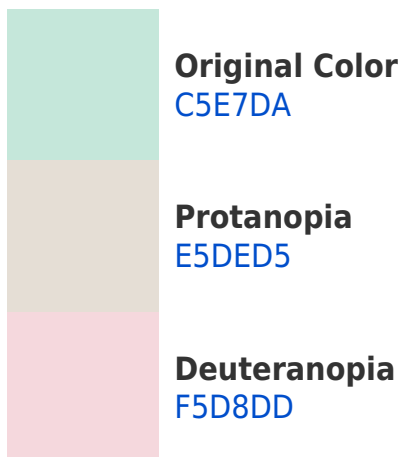


This preview shows how white text looks on a background with the Hex color C5E7DA.

# Color Blindness Simulation

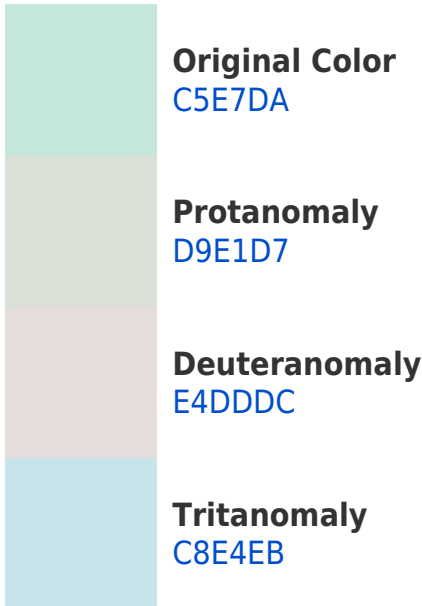
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

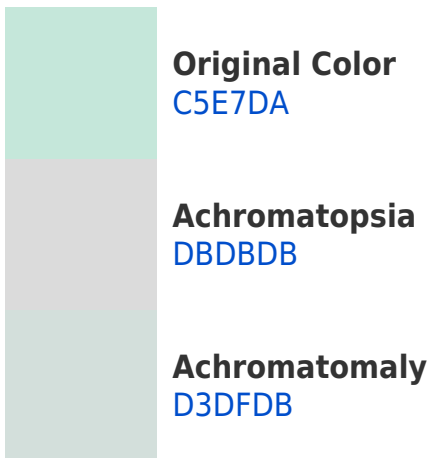




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5E7DA 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 #C5E7DA looks like.

```
.text, #text, p{  
    color:#C5E7DA  
}
```

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 #C5E7DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5E7DA
}
```

## Border

The CSS property to change the border of an element to Hex C5E7DA 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
#C5E7DA }
```

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

```
.border{ border-color:#C5E7DA }
```

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

Here you see how a box with a 4 pixel #C5E7DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5E7DA; -webkit-box-shadow:4px 4px  
4px 4px #C5E7DA; box-shadow:4px 4px 4px  
4px #C5E7DA }
```

# Background

The CSS property to change the background color of an element to Hex C5E7DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5E7DA }
```

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

```
.background{ background-color:#C5E7DA }
```

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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