

Converting Colors

Hex(C2E8DA)

Have a look what the booklet for
Hex(C2E8DA) contains.

Hex(C2E8DA)	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(C2E8DA)

Conversions

Conversions Part 1

Format	Color
Hex	C2E8DA
RGB	194, 232, 218
RGB Percent	76%, 91%, 85%
CMY	0.2392, 0.0902, 0.1451
CMYK	0.16, 0.00, 0.06, 0.09
HSL	158°, 45%, 84%
HSV	158°, 16%, 91%
XYZ	63.7596, 74.2445, 77.2998
YIQ	219.0420, -18.1540, -12.4100

Conversions

Conversions Part 2

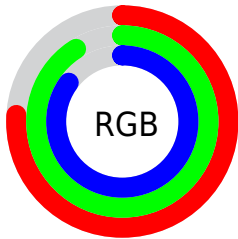
Format	Color
RYB	194, 217, 232
Decimal	12773594
CIELab	89.04, -15.05, 2.68
CIElCh	89, 15.291, 169.895
Yxy	74.2445, 0.2961, 0.3448
Android (android.graphics.Color)	4290963674 (0xFFC2E8DA)
YUV	219.0420, -0.5137, -21.9618
Hunter-Lab	86.1653, -18.7047, 7.1260

Details

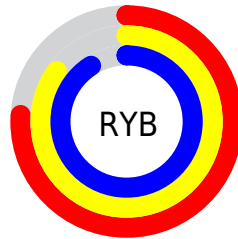
The Hex color **C2E8DA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E8C2D0**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FBFFFF**, and **8CB0A3** is the 20% darker color. If you saturate the color by 10%, you get **ABE8D1**, and if you desaturate by 10%, it is **D9E8E3**.

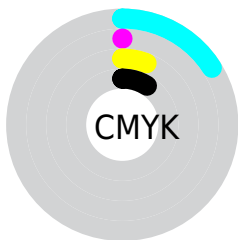
Distribution



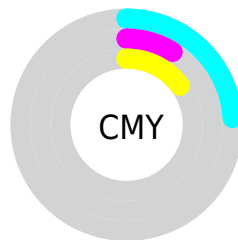
- Red (76%)
- Green (91%)
- Blue (85%)



- Red (76%)
- Yellow (85%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2E8DA 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 C2E8DA by changing the saturation by 10% instead.

 C2E8DA

FFFFFF

 FBFFFF

 C2E8DA

 A7CCBE

 8CB0A3

 729689

 597C70

 416357

 2A4B40

 13342A

 001F16

 000000

 C2E8DA

 C2E8DA

 ABE8D1

 D9E8E3

 94E8C9

 F0E8EB

 7CE8C0

 FFE8F4

 65E8B8

 FFE8FC

 4EE8AF

 FFE8FF

 37E8A7

 20E89E

 08E896

 00E893

Harmonies

Analogous

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



D0E6CD



C2E8DA



BBE8E9

Triad

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



C2E8DA



DCDEFB



FBD9CA

Complementary

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



C2E8DA



E8C2D0

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.



FFD6D6



C2E8DA



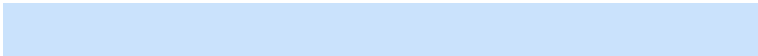
EED9F3

Square

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



C2E8DA



CAE2FC



FAD6E5



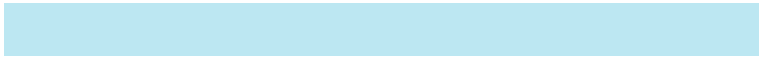
F1DDC3

Rectangle

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



C2E8DA



BCE7F2



FAD6E5



FED7CE

Sweetspot

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



C2E8DA



F2FFFA



D1E8C2



78807D



000000



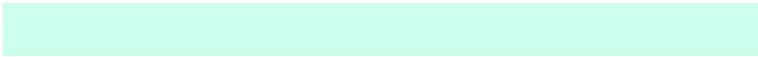
808080

Same Dimension

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



C2E8DA



CCFFEC



C2E4E8



67736F



00B371



003320

Inverse Universe

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



E8C2D0



FFCCDF



E8C6C2



73676C



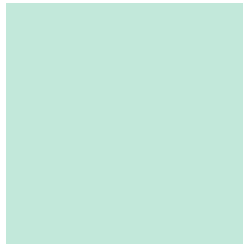
B30042



330013

Previews

White Background



This preview shows how the Hex color C2E8DA 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 C2E8DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

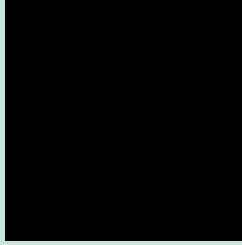
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

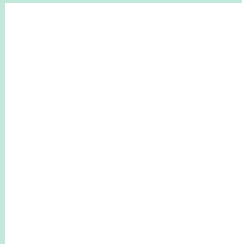
Any Text WCAG AAA ✓ Pass

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

Hex C2E8DA Background



This preview shows how black text looks on a background with the Hex color C2E8DA.

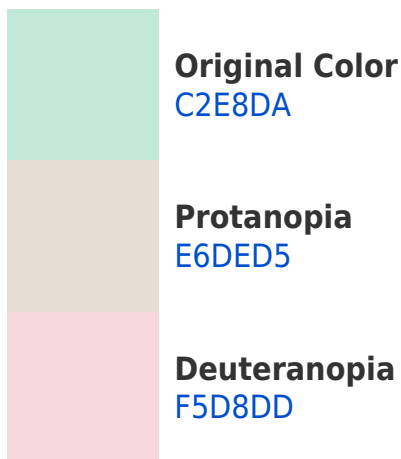


This preview shows how white text looks on a background with the Hex color C2E8DA.

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



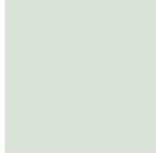


Tritanopia
C7E4F6

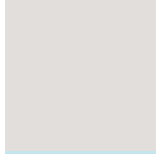
Trichromacy



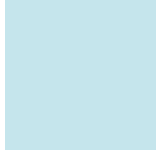
Original Color
C2E8DA



Protanomaly
D9E2D7



Deuteranomaly
E2DEDC

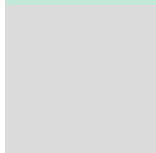


Tritanomaly
C5E5EC

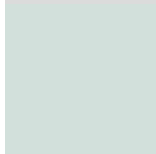
Monochromacy



Original Color
C2E8DA



Achromatopsia
DBDBDB



Achromatomaly
D2E0DB

CSS Examples

Text

The CSS property to change the color of the text to Hex C2E8DA 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 #C2E8DA looks like.

```
.text, #text, p{  
    color:#C2E8DA  
}
```

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 #C2E8DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E8DA
}
```

Border

The CSS property to change the border of an element to Hex C2E8DA 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
#C2E8DA }
```

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

```
.border{ border-color:#C2E8DA }
```

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

Here you see how a box with a 4 pixel `#C2E8DA` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E8DA; -webkit-box-shadow:4px 4px  
4px 4px #C2E8DA; box-shadow:4px 4px 4px  
4px #C2E8DA }
```

Background

The CSS property to change the background color of an element to Hex C2E8DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E8DA }
```

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

```
.background{ background-color:#C2E8DA }
```

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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