

Converting Colors

Hex(CDE0D8)

Have a look what the booklet for
Hex(CDE0D8) contains.

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Color

Hex(CDE0D8)

Conversions

Conversions Part 1

Format	Color
Hex	CDE0D8
RGB	205, 224, 216
RGB Percent	80%, 88%, 85%
CMY	0.1961, 0.1216, 0.1529
CMYK	0.08, 0.00, 0.04, 0.12
HSL	155°, 23%, 84%
HSV	155°, 8%, 88%
XYZ	64.2272, 71.2483, 75.3329
YIQ	217.4070, -8.7560, -6.5160

Conversions

Conversions Part 2

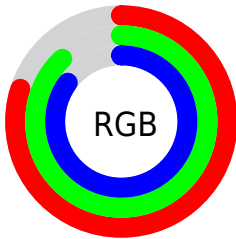
Format	Color
R _Y B	205, 217, 224
Decimal	13492440
CIE Lab	87.61, -7.81, 1.74
CIE LCh	88, 8.004, 167.447
Yxy	71.2483, 0.3047, 0.3380
Android (android.graphics.Color)	4291682520 (0xFFCDE0D8)
YUV	217.4070, -0.6937, -10.8809
Hunter-Lab	84.4087, -11.8934, 6.1711

Details

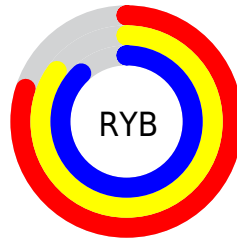
The Hex color **CDE0D8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E0CDD5**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **97A9A1** is the 20% darker color. If you saturate the color by 10%, you get **B7E0CF**, and if you desaturate by 10%, it is **E3E0E1**.

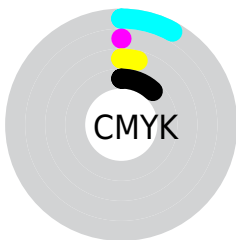
Distribution



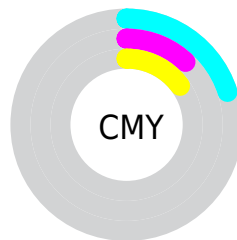
- Red (80%)
- Green (88%)
- Blue (85%)



- Red (80%)
- Yellow (85%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDE0D8 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 CDE0D8 by changing the saturation by 10% instead.

 CDE0D8

FFFFFF

 CDE0D8

 B1C4BC

 97A9A1

 7D8E87

 64756E

 4C5C55

 35453E

 1F2E28

 091A14

 000000

 CDE0D8

 CDE0D8

 B7E0CF

 E3E0E1

 A0E0C5

 FAE0EB

 8AE0BC

 FFE0F4

 73E0B2

 FFE0FE

 5DE0A9

 FFE0FF

 47E09F

 30E096

 1AE08D

 03E083

Harmonies

Analogous

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



D4DFD1



CDE0D8



C9E0E0

Triad

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



CDE0D8



D9DBEA



EBD8D1

Complementary

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



CDE0D8



E0CDD5

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.



ECD7D7



CDE0D8



E2D8E6

Square

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



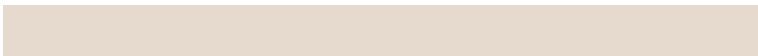
CDE0D8



D0DDEA



E9D7DF



E5DACD

Rectangle

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



CDE0D8



CAE0E4



E9D7DF



ECD7D3

Sweetspot

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



CDE0D8



F7FFFC



D5E0CD



7A807D



000000



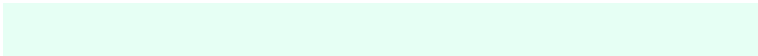
808080

Same Dimension

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



CDE0D8



E6FFF4



CDDFE0



65706B



00B066



00301C

Inverse Universe

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



E0CDD5



FFE6F0



E0CECD



70656A



B0004A



300014

Previews

White Background



This preview shows how the Hex color CDE0D8 looks on a white background.

Color Contrast Check

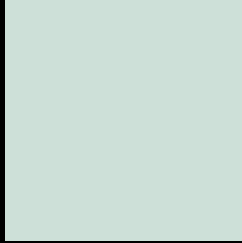
Large Text (above 18pt) WCAG AA × Fail

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 CDE0D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

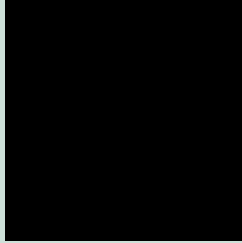
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

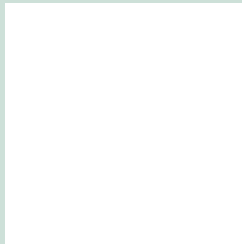
Any Text WCAG AAA ✓ Pass

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

Hex CDE0D8 Background



This preview shows how black text looks on a background with the Hex color CDE0D8.

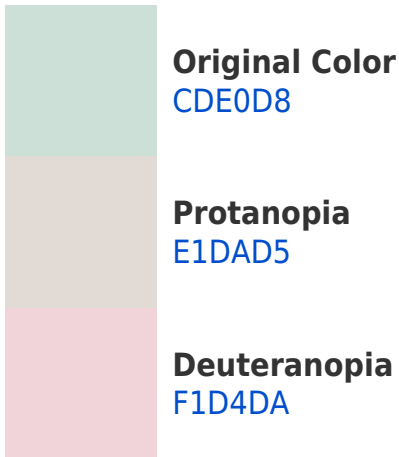


This preview shows how white text looks on a background with the Hex color CDE0D8.

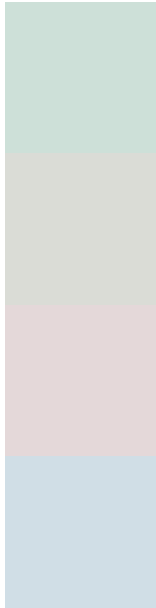
Color Blindness Simulation

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



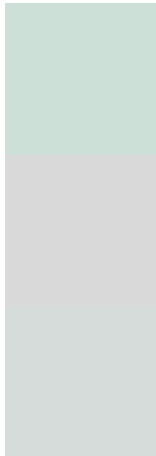
Original Color
CDE0D8

Protanomaly
DADCD6

Deuteranomaly
E4D8D9

Tritanomaly
D0DEE6

Monochromacy



Original Color
CDE0D8

Achromatopsia
D9D9D9

Achromatomaly
D5DCD9

CSS Examples

Text

The CSS property to change the color of the text to Hex CDE0D8 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 #CDE0D8 looks like.

```
.text, #text, p{  
    color:#CDE0D8  
}
```

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 #CDE0D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE0D8  
}
```

Border

The CSS property to change the border of an element to Hex CDE0D8 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  
#CDE0D8 }
```

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

```
.border{ border-color:#CDE0D8 }
```

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

Here you see how a box with a 4 pixel `#CDE0D8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE0D8; -webkit-box-shadow:4px 4px  
4px 4px #CDE0D8; box-shadow:4px 4px 4px  
4px #CDE0D8 }
```

Background

The CSS property to change the background color of an element to Hex CDE0D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE0D8 }
```

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

```
.background{ background-color:#CDE0D8 }
```

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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