

Converting Colors

Hex(CDDBE7)

Have a look what the booklet for
Hex(CDDBE7) contains.

Hex(CDDBE7)	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(CDDBE7)

Conversions

Conversions Part 1

Format	Color
Hex	CDDBE7
RGB	205, 219, 231
RGB Percent	80%, 86%, 91%
CMY	0.1961, 0.1412, 0.0941
CMYK	0.11, 0.05, 0.00, 0.09
HSL	208°, 35%, 85%
HSV	208°, 11%, 91%
XYZ	64.9322, 69.4117, 85.5768
YIQ	216.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

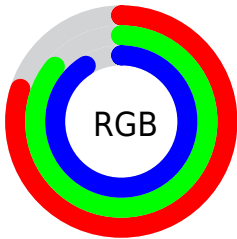
Format	Color
R _Y B	205, 214, 231
Decimal	13491175
CIE Lab	86.71, -2.34, -7.49
CIE LCh	87, 7.846, 252.632
Yxy	69.4117, 0.2953, 0.3156
Android (android.graphics.Color)	4291681255 (0xFFCDDBE7)
YUV	216.1820, 7.3053, -9.8066
Hunter-Lab	83.3137, -6.6814, -2.5810

Details

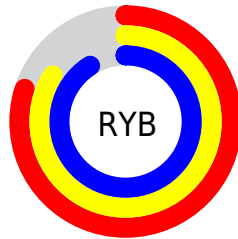
The Hex color **CDDBE7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E7D9CD**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **97A4AF** is the 20% darker color. If you saturate the color by 10%, you get **B6D0E7**, and if you desaturate by 10%, it is **E4E6E7**.

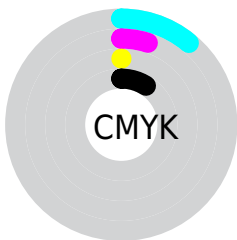
Distribution



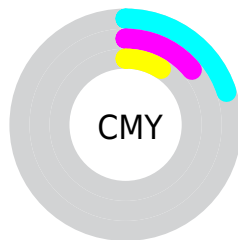
- Red (80%)
- Green (86%)
- Blue (91%)



- Red (80%)
- Yellow (84%)
- Blue (91%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDDBE7 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 CDDBE7 by changing the saturation by 10% instead.

■ CDDBE7

FFFFFF

■ CDDBE7

■ B1BFCB

■ 97A4AF

■ 7D8A95

■ 64707B

■ 4B5862

■ 35414A

■ 1F2B34

■ 09161F

■ 000004

 CDDBE7

 CDDBE7

 B6D0E7

 E4E6E7

 9FC6E7

 FBF0E7

 88BBE7

 FFFBE7

 71B0E7

 FFFFE7

 5AA6E7

 429BE7

 2B90E7

 1486E7

 007CE7

Harmonies

Analogous

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



C8DDE3



CDDBE7



D5D9E7

Triad

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



CDDBE7



E9D4D6



D3DCCE

Complementary

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



CDDBE7



E7D9CD

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.



DCDACB



CDDBE7



E9D5CF

Square

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



CDDBE7



E6D5DE



E4D7CB



CCDDD4

Rectangle

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



CDDBE7



DCD7E6



E4D7CB



D6DBCC

Sweetspot

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



CDDBE7



F7FBFF



CDE7D9



7A7D80



000000



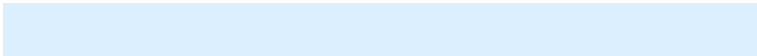
808080

Same Dimension

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



CDDBE7



DBEFFF



CDCEE7



676D73



0060B3



001B33

Inverse Universe

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



E7CDDB



FFDBEF



E7E6CD



73676D



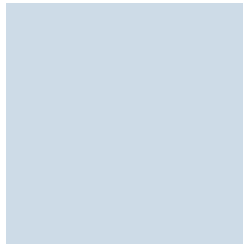
B30060



33001B

Previews

White Background



This preview shows how the Hex color CDDBE7 looks on a white background.

Color Contrast Check

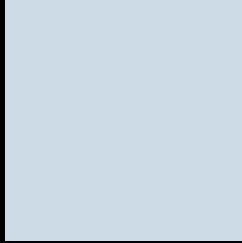
Large Text (above 18pt) WCAG AA × Fail

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 CDDBE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

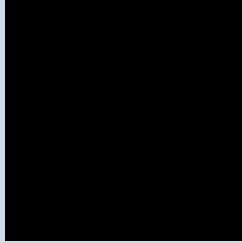
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

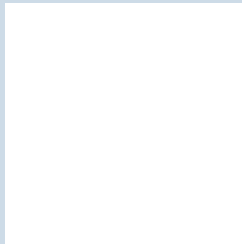
Any Text WCAG AAA ✓ Pass

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

Hex CDDBE7 Background



This preview shows how black text looks on a background with the Hex color CDDBE7.

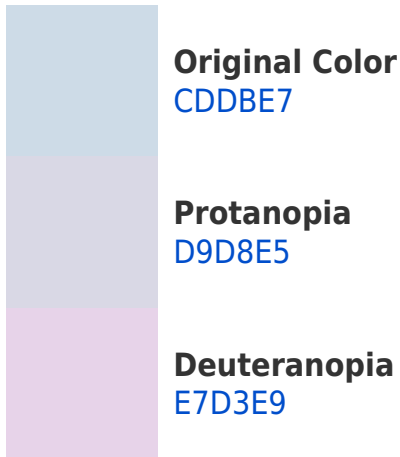


This preview shows how white text looks on a background with the Hex color CDDBE7.

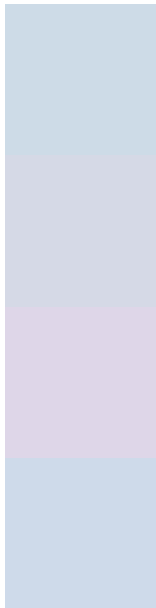
Color Blindness Simulation

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



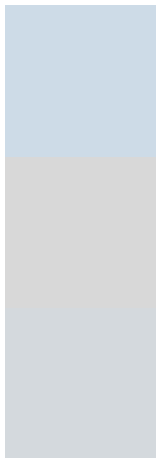
Original Color
CDDBE7

Protanomaly
D5D9E6

Deuteranomaly
DED6E8

Tritanomaly
CEDAEA

Monochromacy



Original Color
CDDBE7

Achromatopsia
D8D8D8

Achromatomaly
D4D9DD

CSS Examples

Text

The CSS property to change the color of the text to Hex CDDBE7 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 #CDDBE7 looks like.

```
.text, #text, p{  
    color:#CDDBE7  
}
```

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 #CDDBE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDDBE7
}
```

Border

The CSS property to change the border of an element to Hex CDDBE7 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
#CDDBE7 }
```

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

```
.border{ border-color:#CDDBE7 }
```

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

Here you see how a box with a 4 pixel #CDDBE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDDBE7; -webkit-box-shadow:4px 4px  
4px 4px #CDDBE7; box-shadow:4px 4px 4px  
4px #CDDBE7 }
```

Background

The CSS property to change the background color of an element to Hex CDDBE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDDBE7 }
```

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

```
.background{ background-color:#CDDBE7 }
```

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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