

Converting Colors

Hex(CDD9DA)

Have a look what the booklet for
Hex(CDD9DA) contains.

Hex(CDD9DA)	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(CDD9DA)

Conversions

Conversions Part 1

Format	Color
Hex	CDD9DA
RGB	205, 217, 218
RGB Percent	80%, 85%, 85%
CMY	0.1961, 0.1490, 0.1451
CMYK	0.06, 0.00, 0.00, 0.15
HSL	185°, 15%, 83%
HSV	185°, 6%, 85%
XYZ	62.6446, 67.6668, 76.0889
YIQ	213.5260, -7.4730, -2.2330

Conversions

Conversions Part 2

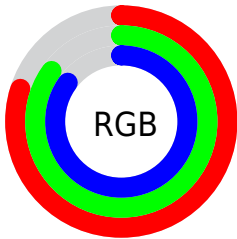
Format	Color
R _Y B	205, 211, 218
Decimal	13490650
CIE Lab	85.84, -3.83, -1.89
CIE LCh	86, 4.277, 206.299
Yxy	67.6668, 0.3035, 0.3278
Android (android.graphics.Color)	4291680730 (0xFFCDD9DA)
YUV	213.5260, 2.2057, -7.4773
Hunter-Lab	82.2598, -8.0189, 2.7396

Details

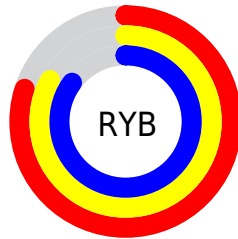
The Hex color **CDD9DA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DACECD**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFFF**, and **97A2A3** is the 20% darker color. If you saturate the color by 10%, you get **B7D7DA**, and if you desaturate by 10%, it is **E3DBDA**.

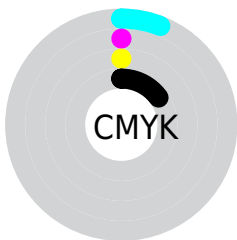
Distribution



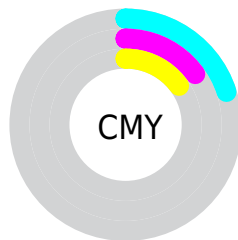
- Red (80%)
- Green (85%)
- Blue (85%)



- Red (80%)
- Yellow (83%)
- Blue (85%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color CDD9DA 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 CDD9DA by changing the saturation by 10% instead.

■ CDD9DA

FFFFFF

■ CDD9DA

■ B2BDBE

■ 97A2A3

■ 7D8889

■ 646F70

■ 4C5657

■ 353F40

■ 20292A

■ 091516

■ 000000

 CDD9DA

 CDD9DA

 B7D7DA

 E3DBDA

 A1D6DA

 F9DCDA

 8CD4DA

 FFDEDA

 76D2DA

 FFE0DA

 60D1DA

 FFE1DA

 4ACFDA

 FFE3DA

 34CDDA

 FFE5DA

 1FCCDA

 FFE6DA

 09CADA

 FFE8DA

Harmonies

Analogous

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



CED9D6



CDD9DA



CED8DD

Triad

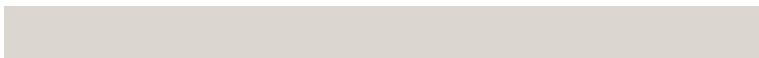
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CDD9DA



DCD5DB



DBD6CF

Complementary

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



CDD9DA



DACECD

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.



DED5D0



CDD9DA



DFD4D7

Square

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



CDD9DA



D7D6DE



E0D4D3



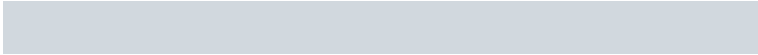
D6D7CF

Rectangle

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



CDD9DA



D1D8DE



E0D4D3



DCD6CF

Sweetspot

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



CDD9DA



FAFFFF



CDDACE



7D7F80



000000



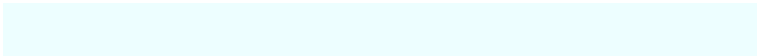
808080

Same Dimension

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



CDD9DA



EDFEFF



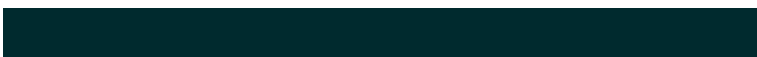
CDD3DA



656D6E



00A0AD



002A2E

Inverse Universe

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



DACDD9



FFEDFE



DAD4CD



6E656D



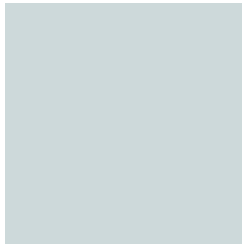
AD00A0



2E002A

Previews

White Background



This preview shows how the Hex color CDD9DA looks on a white background.

Color Contrast Check

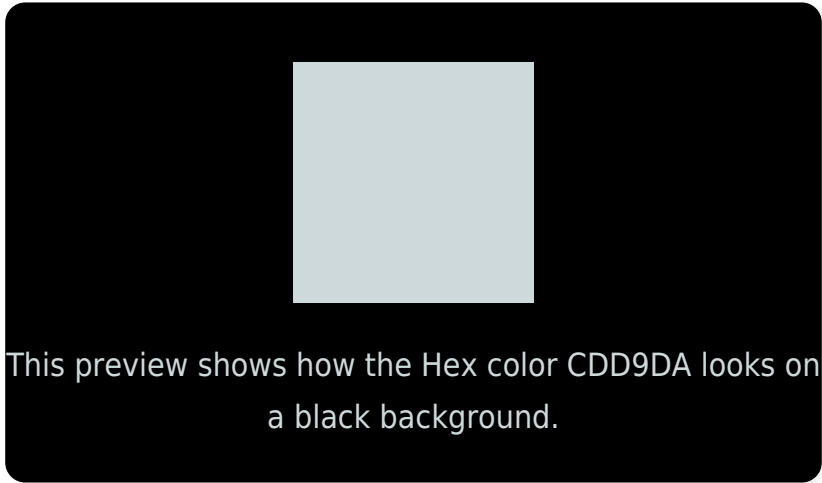
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

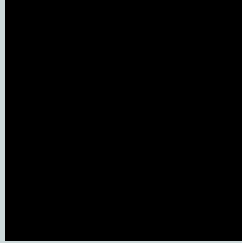
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

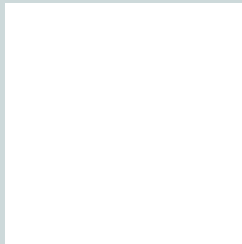
Any Text WCAG AAA ✓ Pass

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

Hex CDD9DA Background



This preview shows how black text looks on a background with the Hex color CDD9DA.

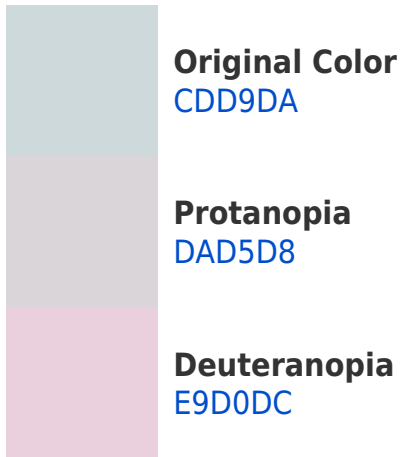


This preview shows how white text looks on a background with the Hex color CDD9DA.

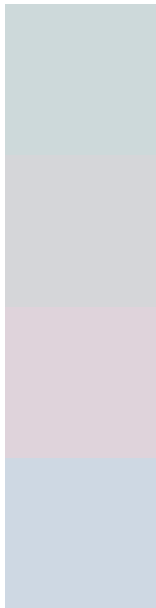
Color Blindness Simulation

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



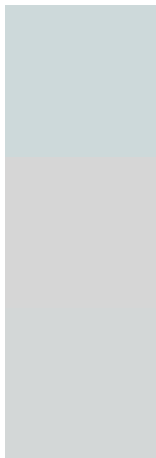
Original Color
CDD9DA

Protanomaly
D5D6D9

Deuteranomaly
DFD3DB

Tritanomaly
CED8E3

Monochromacy



Original Color
CDD9DA

Achromatopsia
D6D6D6

Achromatomaly
D3D7D7

CSS Examples

Text

The CSS property to change the color of the text to Hex CDD9DA 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 #CDD9DA looks like.

```
.text, #text, p{  
    color:#CDD9DA  
}
```

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 #CDD9DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDD9DA
}
```

Border

The CSS property to change the border of an element to Hex CDD9DA 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
#CDD9DA }
```

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

```
.border{ border-color:#CDD9DA }
```

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

Here you see how a box with a 4 pixel #CDD9DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDD9DA; -webkit-box-shadow:4px 4px  
4px 4px #CDD9DA; box-shadow:4px 4px 4px  
4px #CDD9DA }
```

Background

The CSS property to change the background color of an element to Hex CDD9DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDD9DA }
```

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

```
.background{ background-color:#CDD9DA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor