

Converting Colors

Hex(CDD983)

Have a look what the booklet for
Hex(CDD983) contains.

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Color

Hex(CDD983)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CDD983 |
| RGB | 205, 217, 131 |
| RGB Percent | 80%, 85%, 51% |
| CMY | 0.1961, 0.1490, 0.4863 |
| CMYK | 0.06, 0.00, 0.40, 0.15 |
| HSL | 68°, 53%, 68% |
| HSV | 68°, 40%, 85% |
| XYZ | 54.0864, 64.2435, 31.0223 |
| YIQ | 203.6080, 20.4540, -29.2900 |

Conversions

Conversions Part 2

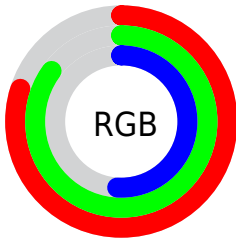
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 131, 217, 143 |
| Decimal | 13490563 |
| CIELab | 84.09, -17.10, 40.97 |
| CIElCh | 84, 44.393, 112.650 |
| Yxy | 64.2435, 0.3621, 0.4301 |
| Android (android.graphics.Color) | 4291680643 (0xFFCDD983) |
| YUV | 203.6080, -35.7957, 1.2208 |
| Hunter-Lab | 80.1521, -19.8147, 33.1587 |

Details

The Hex color **CDD983** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8F83D9**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFFB9**, and **95A250** is the 20% darker color. If you saturate the color by 10%, you get **CAD96D**, and if you desaturate by 10%, it is **D0D999**.

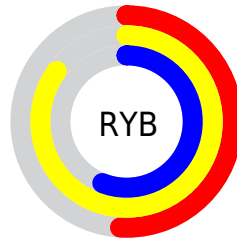
Distribution



Red (80%)

Green (85%)

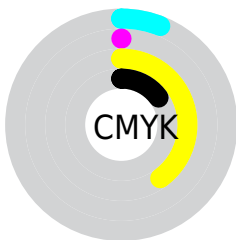
Blue (51%)



Red (51%)

Yellow (85%)

Blue (56%)

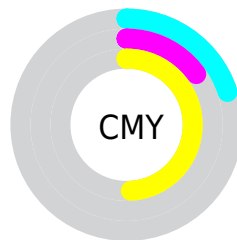


Cyan (6%)

Magenta (0%)

Yellow (40%)

Black (15%)



Cyan (20%)

Magenta (15%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDD983 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 CDD983 by changing the saturation by 10% instead.

 CDD983

 CDD983

FFFFFF

 B1BD69

 FFFFB9

 95A250

 FFFFD5

 7B8837

 FFFFF2

 616F1E

 475601

 303F00

 172900

 001700

 000000

 CDD983

 CDD983

 CAD96D

 D0D999

 C7D958

 D3D9AE

 C4D942

 D6D9C4

 C1D92C

 D9D9DA

 BED916

 DCD9EF

 BBD901

 DFD9FF

 BBD900

 E2D9FF

 E5D9FF

 E8D9FF

Harmonies

Analogous

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



F7CC7E



CDD983



9CE39E

Triad

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



CDD983



34E3FF



FFB2DE

Complementary

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



CDD983



8F83D9

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.



FDBCFF



CDD983



82D9FF

Square

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



CDD983



22E8F1



C8CBFF



FFB3B4

Rectangle

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



CDD983



78E6B7



C8CBFF



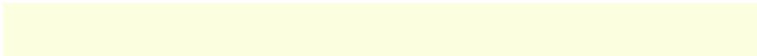
FFB4EC

Sweetspot

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



CDD983



FBFFE0



D98E83



7D806E



000000



808080

Same Dimension

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



CDD983



EEFF85



A3D983



6C6E63



95AD00



272E00

Inverse Universe

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



8F83D9



9685FF



B983D9



64636E



1800AD



06002E

Previews

White Background



This preview shows how the Hex color CDD983 looks on a white background.

Color Contrast Check

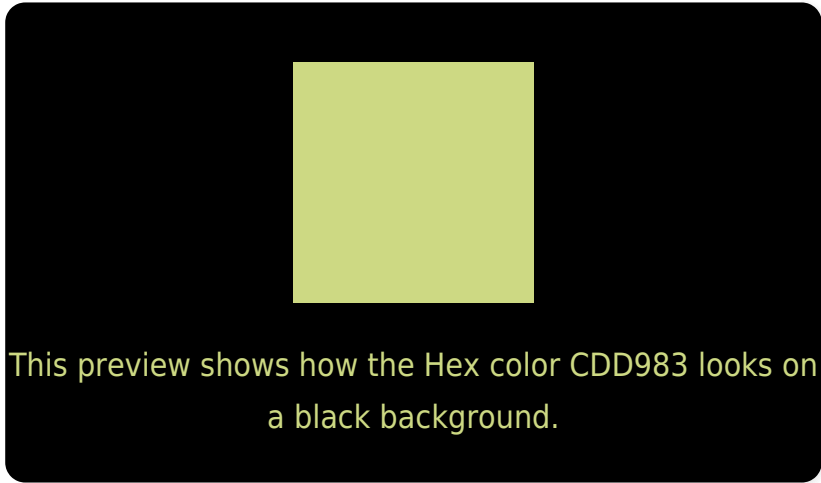
Large Text (above 18pt) WCAG AA × Fail

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

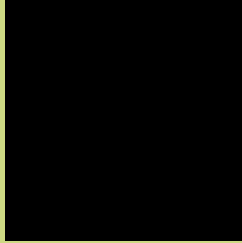
Any Text WCAG AA ✓ Pass

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 CDD983 Background



This preview shows how black text looks on a background with the Hex color CDD983.

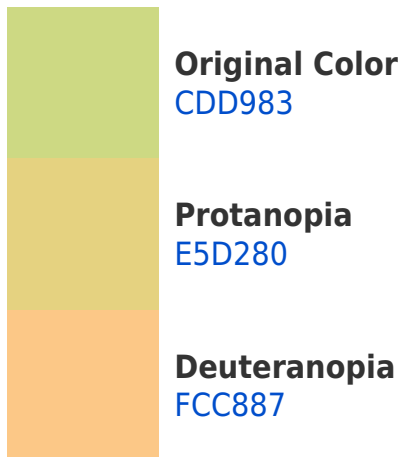


This preview shows how white text looks on a background with the Hex color CDD983.

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](#).

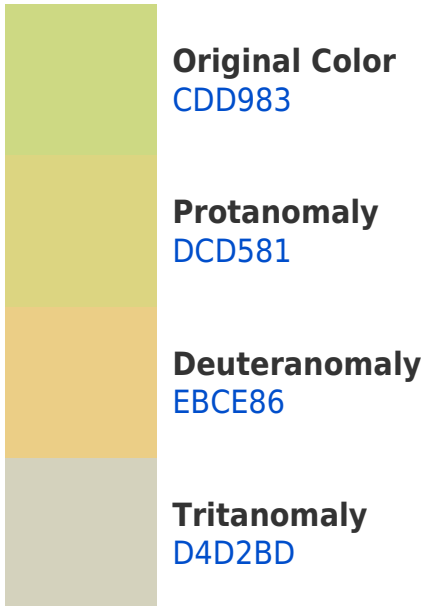
Dichromacy



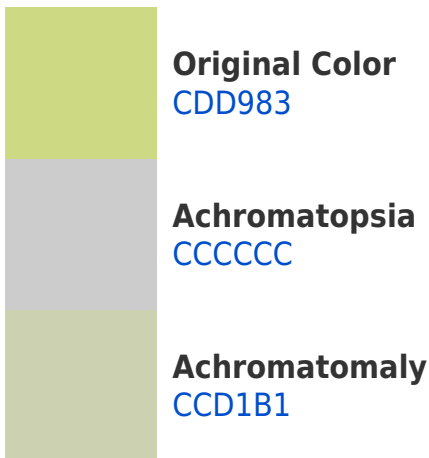


Tritanopia
D8CEDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDD983 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 #CDD983 looks like.

```
.text, #text, p{  
    color:#CDD983  
}
```

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 #CDD983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDD983
}
```

Border

The CSS property to change the border of an element to Hex CDD983 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
#CDD983 }
```

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

```
.border{ border-color:#CDD983 }
```

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

Here you see how a box with a 4 pixel #CDD983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDD983; -webkit-box-shadow:4px 4px  
4px 4px #CDD983; box-shadow:4px 4px 4px  
4px #CDD983 }
```

Background

The CSS property to change the background color of an element to Hex CDD983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDD983 }
```

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

```
.background{ background-color:#CDD983 }
```

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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