

Converting Colors

Hex(CFD98B)

Have a look what the booklet for
Hex(CFD98B) contains.

Hex(CFD98B)	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(CFD98B)

Conversions

Conversions Part 1

Format	Color
Hex	CFD98B
RGB	207, 217, 139
RGB Percent	81%, 85%, 55%
CMY	0.1882, 0.1490, 0.4549
CMYK	0.05, 0.00, 0.36, 0.15
HSL	68°, 51%, 70%
HSV	68°, 36%, 85%
XYZ	55.2052, 64.7552, 34.0155
YIQ	205.1180, 19.0780, -26.3780

Conversions

Conversions Part 2

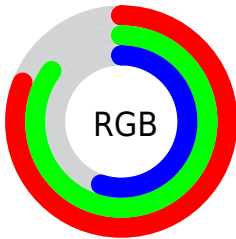
Format	Color
RYB	139, 217, 149
Decimal	13621643
CIELab	84.36, -15.40, 37.32
CIELCh	84, 40.376, 112.423
Yxy	64.7552, 0.3585, 0.4206
Android (android.graphics.Color)	4291811723 (0xFFCFD98B)
YUV	205.1180, -32.5962, 1.6505
Hunter-Lab	80.4706, -18.3674, 31.2671

Details

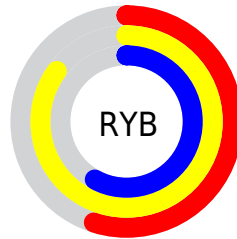
The Hex color **CFD98B** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **958BD9**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFC1**, and **98A258** is the 20% darker color. If you saturate the color by 10%, you get **CCD975**, and if you desaturate by 10%, it is **D2D9A1**.

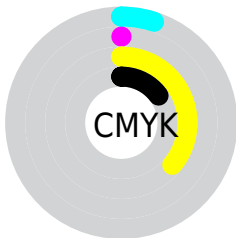
Distribution



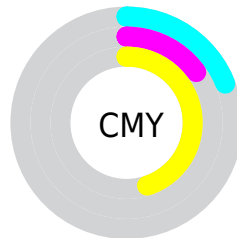
- Red (81%)
- Green (85%)
- Blue (55%)



- Red (55%)
- Yellow (85%)
- Blue (58%)



- Cyan (5%)
- Magenta (0%)
- Yellow (36%)
- Black (15%)



- Cyan (19%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFD98B 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 CFD98B by changing the saturation by 10% instead.

 CFD98B

 CFD98B

FFFFFF

 B3BD71

 FFFFC1

 98A258

 FFFFDE

 7D883F

 FFFFFA

 636F27

 4A560E

 323F00

 1A2900

 001600

 000000

 CFD98B

 CFD98B

 CCD975

 D2D9A1

 C9D960

 D5D9B6

 C7D94A

 D7D9CC

 C4D934

 DAD9E2

 C1D91E

 DDD9F8

 BED909

 E0D9FF

 BDD900

 E2D9FF

 E5D9FF

 E8D9FF

Harmonies

Analogous

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



F5CD87



CFD98B



A3E2A3

Triad

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



CFD98B



56E2FF



FFB6DE

Complementary

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



CFD98B



958BD9

Split Complementary

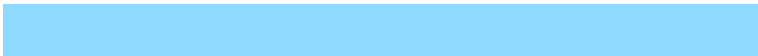
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F9BFFF



CFD98B



8ED9FF

Square

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



CFD98B



4CE7EE



CACCFE



FFB7B7

Rectangle

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



CFD98B



84E5BA



CACCFE



FFB8EA

Sweetspot

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



CFD98B



FBFFE3



D9948B



7D806F



000000



808080

Same Dimension

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



CFD98B



F1FF91



A9D98B



6C6E63



97AD00



282E00

Inverse Universe

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



958BD9



9F91FF



BB8BD9



64636E



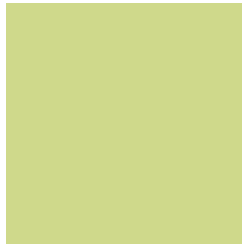
1600AD



06002E

Previews

White Background



This preview shows how the Hex color CFD98B looks on a white background.

Color Contrast Check

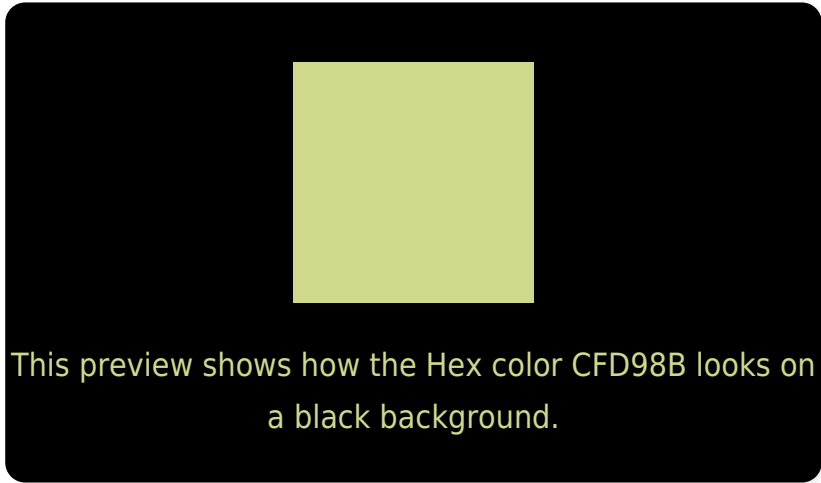
Large Text (above 18pt) WCAG AA × Fail

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

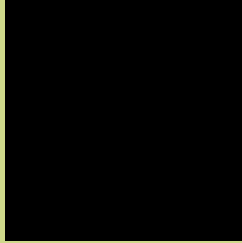
Any Text WCAG AA ✓ Pass

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 CFD98B Background



This preview shows how black text looks on a background with the Hex color CFD98B.

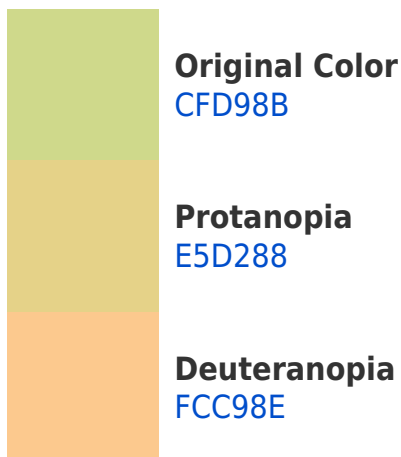


This preview shows how white text looks on a background with the Hex color CFD98B.

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](#).

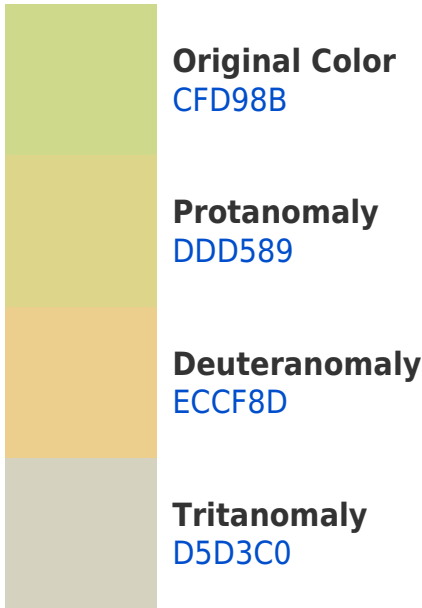
Dichromacy



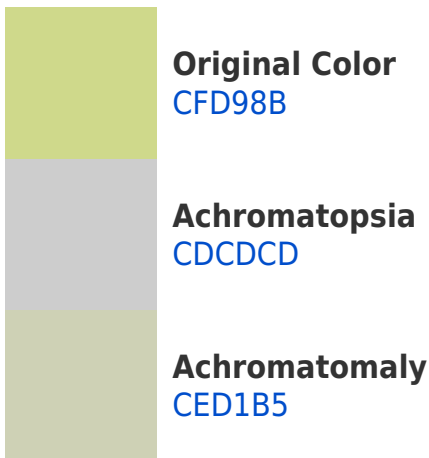


Tritanopia
D9CFDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CFD98B 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 #CFD98B looks like.

```
.text, #text, p{  
    color:#CFD98B  
}
```

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 #CFD98B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFD98B
}
```

Border

The CSS property to change the border of an element to Hex CFD98B 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
#CFD98B }
```

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

```
.border{ border-color:#CFD98B }
```

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

Here you see how a box with a 4 pixel #CFD98B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFD98B; -webkit-box-shadow:4px 4px  
4px 4px #CFD98B; box-shadow:4px 4px 4px  
4px #CFD98B }
```

Background

The CSS property to change the background color of an element to Hex CFD98B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFD98B }
```

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

```
.background{ background-color:#CFD98B }
```

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