

Converting Colors

Hex(CDF2A7)

Have a look what the booklet for
Hex(CDF2A7) contains.

Hex(CDF2A7)	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(CDF2A7)

Conversions

Conversions Part 1

Format	Color
Hex	CDF2A7
RGB	205, 242, 167
RGB Percent	80%, 95%, 65%
CMY	0.1961, 0.0510, 0.3451
CMYK	0.15, 0.00, 0.31, 0.05
HSL	90°, 74%, 80%
HSV	90°, 31%, 95%
XYZ	63.9040, 79.2734, 48.4924
YIQ	222.3870, 2.0230, -31.1690

Conversions

Conversions Part 2

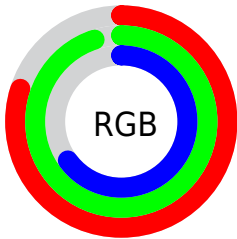
Format	Color
RYB	167, 242, 204
Decimal	13496999
CIELab	91.36, -24.72, 32.37
CIELCh	91, 40.729, 127.375
Yxy	79.2734, 0.3334, 0.4136
Android (android.graphics.Color)	4291687079 (0xFFCDF2A7)
YUV	222.3870, -27.3058, -15.2484
Hunter-Lab	89.0356, -27.6966, 30.0332

Details

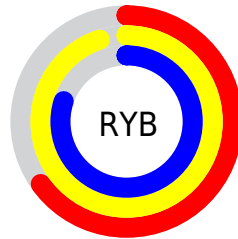
The Hex color **CDF2A7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **CCA7F2**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFDF**, and **96BA72** is the 20% darker color. If you saturate the color by 10%, you get **C1F28F**, and if you desaturate by 10%, it is **D9F2BF**.

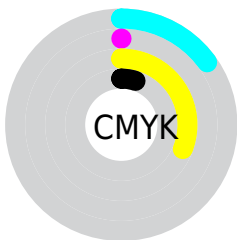
Distribution



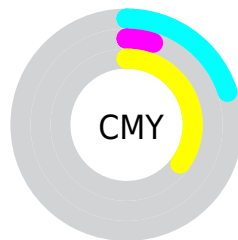
- Red (80%)
- Green (95%)
- Blue (65%)



- Red (65%)
- Yellow (95%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (31%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDF2A7 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 CDF2A7 by changing the saturation by 10% instead.

 CDF2A7

 CDF2A7

FFFFFF

 B1D68C

 FFFFDF

 96BA72

 FFFFFB

 7B9F59

 628441

 486B29

 305311

 193B00

 002500

 000900

 CDF2A7

 CDF2A7

 C1F28F

 D9F2BF

 B5F277

 E5F2D7

 A9F25E

 F1F2F0

 9DF246

 FDF2FF

 91F22E

 FFF2FF

 85F216

 7BF200

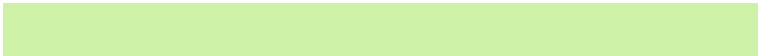
Harmonies

Analogous

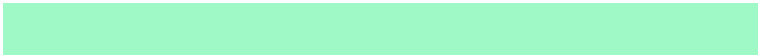
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F8E798



CDF2A7



9FF9C7

Triad

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



CDF2A7



85F2FF



FFC9DE

Complementary

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



CDF2A7



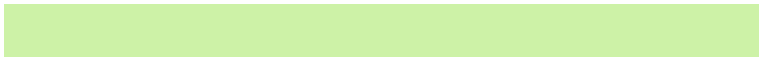
CCA7F2

Split Complementary

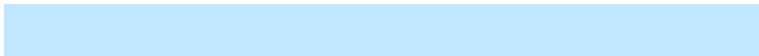
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCDFF



CDF2A7



C0E7FF

Square

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



CDF2A7



61FAFF



F8D9FF



FFCEB9

Rectangle

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



CDF2A7



80FBE1



F8D9FF



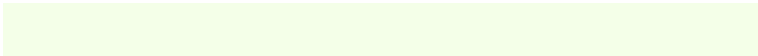
FFC9EB

Sweetspot

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



CDF2A7



F4FFE8



F2CBA7



798071



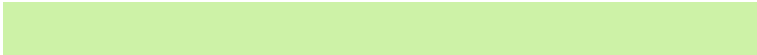
000000



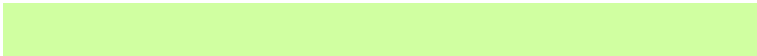
808080

Same Dimension

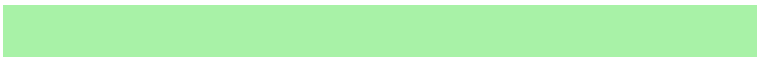
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CDF2A7



D0FFA1



A8F2A7



72786C



5DB800



1C3800

Inverse Universe

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



CCA7F2



CFA1FF



F1A7F2



726C78



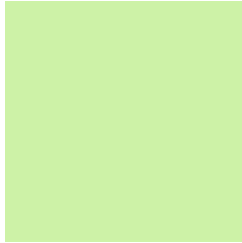
5B00B8



1C0038

Previews

White Background



This preview shows how the Hex color CDF2A7 looks on a white background.

Color Contrast Check

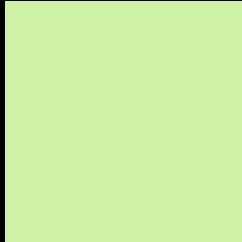
Large Text (above 18pt) WCAG AA × Fail

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 CDF2A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

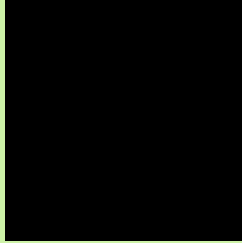
Any Text WCAG AA ✓ Pass

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 CDF2A7 Background



This preview shows how black text looks on a background with the Hex color CDF2A7.

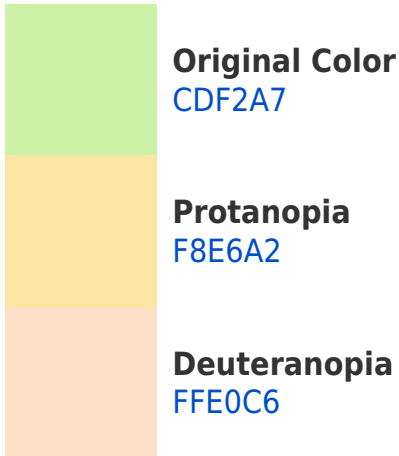


This preview shows how white text looks on a background with the Hex color CDF2A7.

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



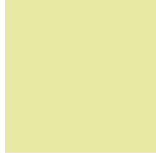


Tritanopia
D9E7FA

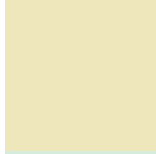
Trichromacy



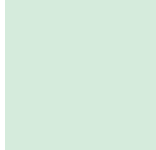
Original Color
CDF2A7



Protanomaly
E8EAA4



Deuteranomaly
EDE7BB

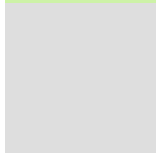


Tritanomaly
D5EBDC

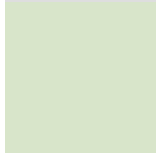
Monochromacy



Original Color
CDF2A7



Achromatopsia
DEDEDE



Achromatomaly
D8E5CA

CSS Examples

Text

The CSS property to change the color of the text to Hex CDF2A7 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 #CDF2A7 looks like.

```
.text, #text, p{  
    color:#CDF2A7  
}
```

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 #CDF2A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDF2A7
}
```

Border

The CSS property to change the border of an element to Hex CDF2A7 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
#CDF2A7 }
```

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

```
.border{ border-color:#CDF2A7 }
```

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

Here you see how a box with a 4 pixel #CDF2A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDF2A7; -webkit-box-shadow:4px 4px  
4px 4px #CDF2A7; box-shadow:4px 4px 4px  
4px #CDF2A7 }
```

Background

The CSS property to change the background color of an element to Hex CDF2A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDF2A7 }
```

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

```
.background{ background-color:#CDF2A7 }
```

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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