

Converting Colors

Hex(CAF99D)

Have a look what the booklet for
Hex(CAF99D) contains.

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Color

Hex(CAF99D)

Conversions

Conversions Part 1

Format	Color
Hex	CAF99D
RGB	202, 249, 157
RGB Percent	79%, 98%, 62%
CMY	0.2078, 0.0235, 0.3843
CMYK	0.19, 0.00, 0.37, 0.02
HSL	91°, 88%, 80%
HSV	91°, 37%, 98%
XYZ	64.3186, 82.7422, 44.4792
YIQ	224.4590, 1.5200, -38.5760

Conversions

Conversions Part 2

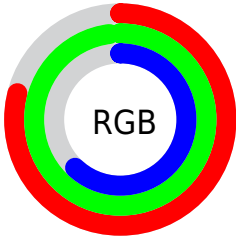
Format	Color
RYB	157, 249, 204
Decimal	13302173
CIELab	92.90, -30.43, 39.36
CIELCh	93, 49.755, 127.708
Yxy	82.7422, 0.3358, 0.4320
Android (android.graphics.Color)	4291492253 (0xFFCAF99D)
YUV	224.4590, -33.2573, -19.6965
Hunter-Lab	90.9628, -32.9698, 34.6822

Details

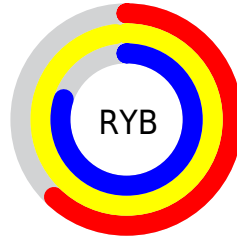
The Hex color **CAF99D** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CC9DF9**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFD4**, and **92C068** is the 20% darker color. If you saturate the color by 10%, you get **BDF984**, and if you desaturate by 10%, it is **D7F9B6**.

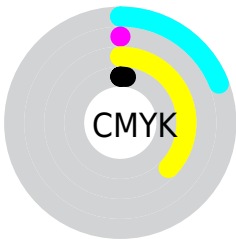
Distribution



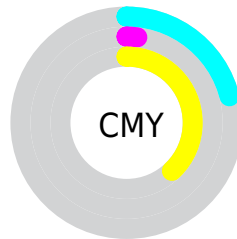
- Red (79%)
- Green (98%)
- Blue (62%)



- Red (62%)
- Yellow (98%)
- Blue (80%)



- Cyan (19%)
- Magenta (0%)
- Yellow (37%)
- Black (2%)



- Cyan (21%)
- Magenta (2%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAF99D 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 CAF99D by changing the saturation by 10% instead.

 CAF99D

FFFFFF

 FFFFD4

 FFFFF1

 CAF99D

 AEDC82


 92C068

 78A54F

 5D8B36

 44711D

 2A5801

 114000

 002A00

 001200

 CAF99D

 CAF99D

 BDF984

 D7F9B6

 B1F96B

 E3F9CF

 A4F952

 F0F9E8

 97F939

 FDF9FF

 8AF921

 FFF9FF

 7EF908

 7AF900

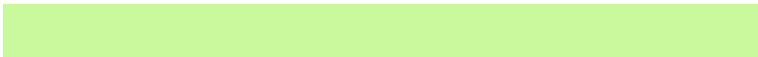
Harmonies

Analogous

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



FEEC8A



CAF99D



8EFFC5

Triad

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



CAF99D



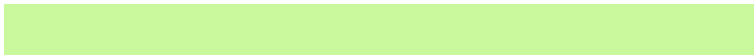
5FF9FF



FFC5E0

Complementary

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



CAF99D



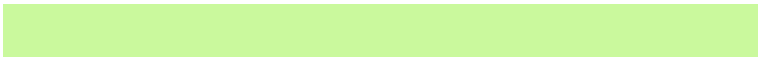
CC9DF9

Split Complementary

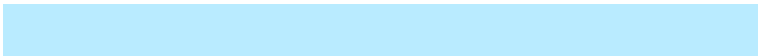
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCAFF



CAF99D



B9EBFF

Square

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



CAF99D



00FFFF



FFDAFF



FFCCB2

Rectangle

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



CAF99D



5FFFE5



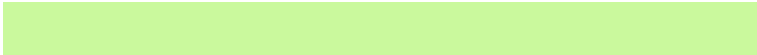
FFDAFF



FFC5F0

Sweetspot

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



CAF99D



F1FFE3



F9CB9D



77806F



000000



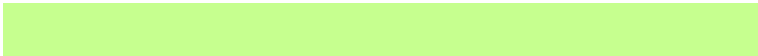
808080

Same Dimension

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



CAF99D



C6FF8F



9DF99D



777D70



5CBD00



1E3D00

Inverse Universe

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



CC9DF9



C88FFF



F99DF9



77707D



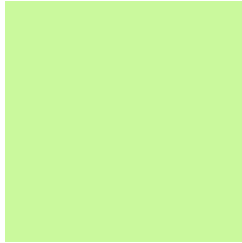
6000BD



1F003D

Previews

White Background



This preview shows how the Hex color CAF99D looks on a white background.

Color Contrast Check

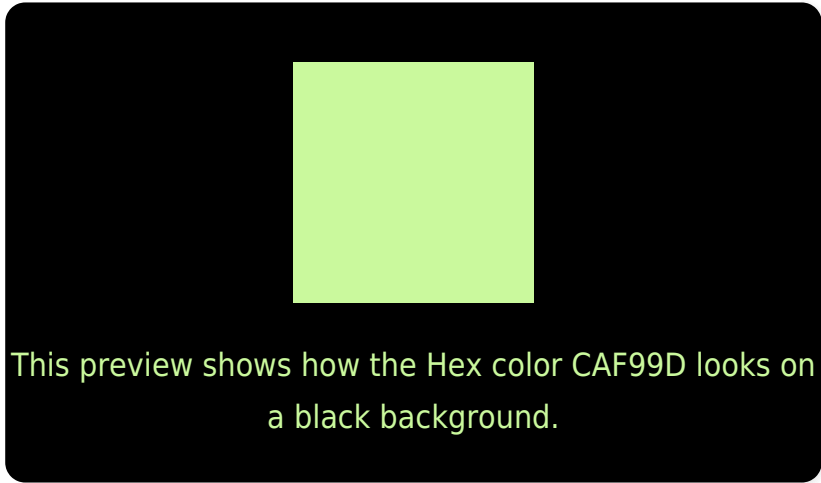
Large Text (above 18pt) WCAG AA × Fail

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 CAF99D Background



This preview shows how black text looks on a background with the Hex color CAF99D.

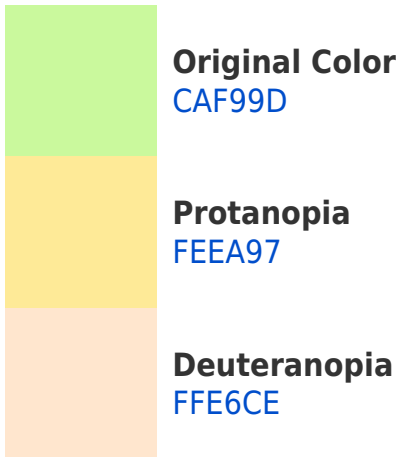


This preview shows how white text looks on a background with the Hex color CAF99D.

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



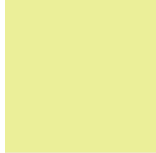


Tritanopia
D9EDFF

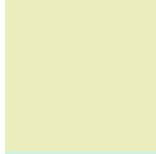
Trichromacy



Original Color
CAF99D



Protanomaly
EBEF99

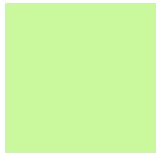


Deuteranomaly
ECEDBC

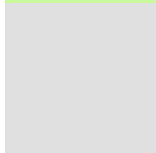


Tritanomaly
D4F1DB

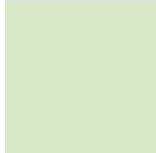
Monochromacy



Original Color
CAF99D



Achromatopsia
E0E0E0



Achromatomaly
D8E9C8

CSS Examples

Text

The CSS property to change the color of the text to Hex CAF99D 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 #CAF99D looks like.

```
.text, #text, p{  
    color:#CAF99D  
}
```

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 #CAF99D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAF99D
}
```

Border

The CSS property to change the border of an element to Hex CAF99D 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
#CAF99D }
```

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

```
.border{ border-color:#CAF99D }
```

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

Here you see how a box with a 4 pixel #CAF99D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAF99D; -webkit-box-shadow:4px 4px  
4px 4px #CAF99D; box-shadow:4px 4px 4px  
4px #CAF99D }
```

Background

The CSS property to change the background color of an element to Hex CAF99D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAF99D }
```

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

```
.background{ background-color:#CAF99D }
```

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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