

Converting Colors

Hex(CAF496)

Have a look what the booklet for
Hex(CAF496) contains.

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Color

Hex(CAF496)

Conversions

Conversions Part 1

Format	Color
Hex	CAF496
RGB	202, 244, 150
RGB Percent	79%, 96%, 59%
CMY	0.2078, 0.0431, 0.4118
CMYK	0.17, 0.00, 0.39, 0.04
HSL	87°, 81%, 77%
HSV	87°, 39%, 96%
XYZ	62.2128, 79.4599, 40.9125
YIQ	220.7260, 5.1420, -38.1380

Conversions

Conversions Part 2

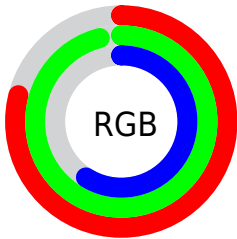
Format	Color
RYB	150, 244, 192
Decimal	13300886
CIELab	91.44, -28.98, 40.92
CIELCh	91, 50.149, 125.308
Yxy	79.4599, 0.3407, 0.4352
Android (android.graphics.Color)	4291490966 (0xFFCAF496)
YUV	220.7260, -34.8679, -16.4227
Hunter-Lab	89.1403, -31.4168, 35.1860

Details

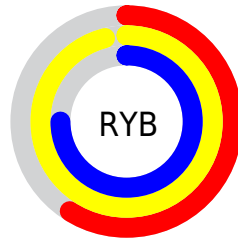
The Hex color **CAF496** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C096F4**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFCD**, and **92BC62** is the 20% darker color. If you saturate the color by 10%, you get **BFF47E**, and if you desaturate by 10%, it is **D5F4AE**.

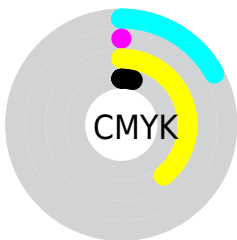
Distribution



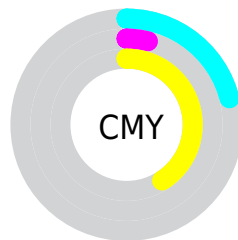
- Red (79%)
- Green (96%)
- Blue (59%)



- Red (59%)
- Yellow (96%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (39%)
- Black (4%)



- Cyan (21%)
- Magenta (4%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAF496 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 CAF496 by changing the saturation by 10% instead.

 CAF496

 CAF496

FFFFFFF

 AED77B

 FFFFCF

 92BC62


 FFFFEA

 78A148

 5D8630

 446D16

 2A5400

 113D00

 002700

 000A00

 CAF496

 CAF496

 BFF47E

 D5F4AE

 B4F465

 E0F4C7

 A9F44D

 EBF4DF

 9EF434

 F6F4F8

 93F41C

 FFF4FF

 89F404

 87F400

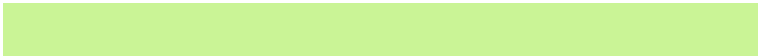
Harmonies

Analogous

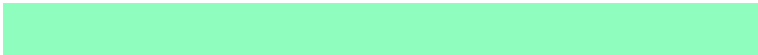
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FDE685



CAF496



8EFDBD

Triad

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



CAF496



4DF6FF



FFC0E0

Complementary

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



CAF496



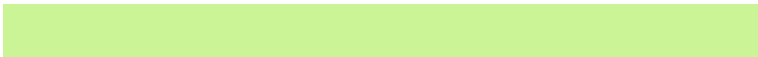
C096F4

Split Complementary

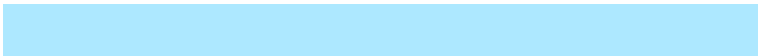
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC7FF



CAF496



ADE8FF

Square

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



CAF496



00FEFF



F7D7FF



FFC7B1

Rectangle

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



CAF496



5EFFDD



F7D7FF



FFC1F0

Sweetspot

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



CAF496



F1FFE0



F4BF96



78806E



000000



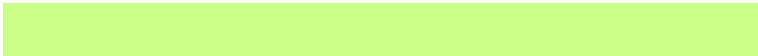
808080

Same Dimension

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



CAF496



CBFF8A



9CF496



757A6E



67BA00



203B00

Inverse Universe

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



C096F4



BE8AFF



EE96F4



746E7A



5300BA



1A003B

Previews

White Background



This preview shows how the Hex color CAF496 looks on a white background.

Color Contrast Check

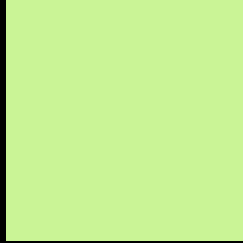
Large Text (above 18pt) WCAG AA × Fail

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 CAF496 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 CAF496 Background



This preview shows how black text looks on a background with the Hex color CAF496.

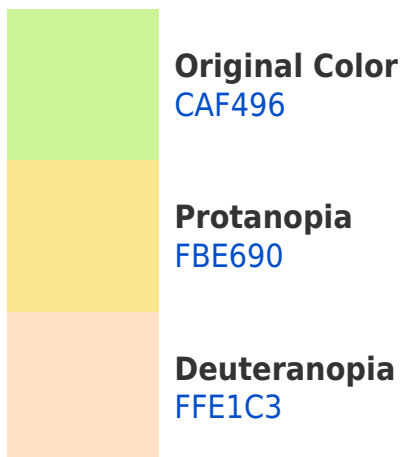


This preview shows how white text looks on a background with the Hex color CAF496.

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



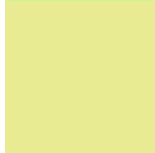


Tritanopia
D8E8FA

Trichromacy



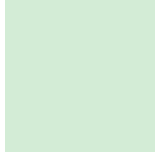
Original Color
CAF496



Protanomaly
E9EB92



Deuteranomaly
ECE8B3

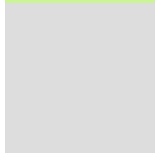


Tritanomaly
D3ECD6

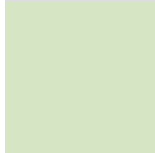
Monochromacy



Original Color
CAF496



Achromatopsia
DDDDDD



Achromatomaly
D6E5C3

CSS Examples

Text

The CSS property to change the color of the text to Hex CAF496 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 #CAF496 looks like.

```
.text, #text, p{  
    color:#CAF496  
}
```

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 #CAF496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAF496
}
```

Border

The CSS property to change the border of an element to Hex CAF496 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
#CAF496 }
```

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

```
.border{ border-color:#CAF496 }
```

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

Here you see how a box with a 4 pixel #CAF496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAF496; -webkit-box-shadow:4px 4px  
4px 4px #CAF496; box-shadow:4px 4px 4px  
4px #CAF496 }
```

Background

The CSS property to change the background color of an element to Hex CAF496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAF496 }
```

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

```
.background{ background-color:#CAF496 }
```

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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