

Converting Colors

Hex(CAF3A6)

Have a look what the booklet for
Hex(CAF3A6) contains.

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Color

Hex(CAF3A6)

Conversions

Conversions Part 1

Format	Color
Hex	CAF3A6
RGB	202, 243, 166
RGB Percent	79%, 95%, 65%
CMY	0.2078, 0.0471, 0.3490
CMYK	0.17, 0.00, 0.32, 0.05
HSL	92°, 76%, 80%
HSV	92°, 32%, 95%
XYZ	63.2906, 79.4109, 48.0685
YIQ	221.9630, 0.2810, -32.6390

Conversions

Conversions Part 2

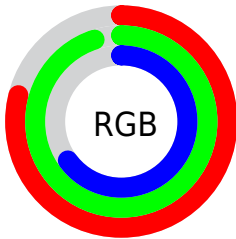
Format	Color
RYB	166, 243, 207
Decimal	13300646
CIELab	91.42, -26.40, 32.92
CIElCh	91, 42.196, 128.725
Yxy	79.4109, 0.3318, 0.4163
Android (android.graphics.Color)	4291490726 (0xFFCAF3A6)
YUV	221.9630, -27.5898, -17.5076
Hunter-Lab	89.1128, -29.1712, 30.3973

Details

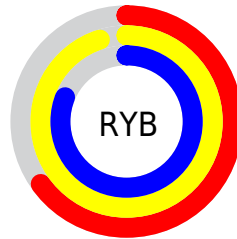
The Hex color **CAF3A6** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CFA6F3**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFDE**, and **93BB71** is the 20% darker color. If you saturate the color by 10%, you get **BDF38E**, and if you desaturate by 10%, it is **D7F3BE**.

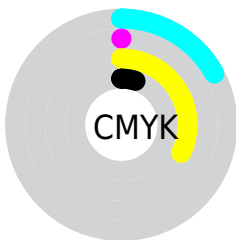
Distribution



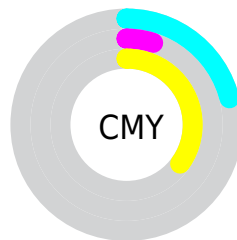
- Red (79%)
- Green (95%)
- Blue (65%)



- Red (65%)
- Yellow (95%)
- Blue (81%)



- Cyan (17%)
- Magenta (0%)
- Yellow (32%)
- Black (5%)



- Cyan (21%)
- Magenta (5%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAF3A6 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 CAF3A6 by changing the saturation by 10% instead.

 CAF3A6

FFFFFF

 FFFFDE

 FFFFFA

 CAF3A6

 AED78B


 93BB71

 78A058

 5F8540

 456C28

 2D5310

 153C00

 002600

 000A00

 CAF3A6

 CAF3A6

 BDF38E

 D7F3BE

 B0F375

 E4F3D7

 A3F35D

 F1F3EF

 96F345

 FEF3FF

 89F32C

 FFF3FF

 7CF314

 72F300

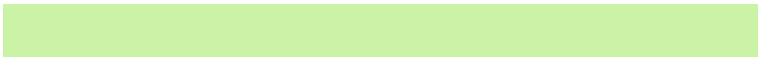
Harmonies

Analogous

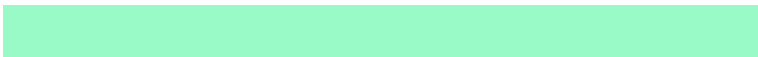
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F6E896



CAF3A6



99FAC8

Triad

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



CAF3A6



82F3FF



FFC8DC

Complementary

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



CAF3A6



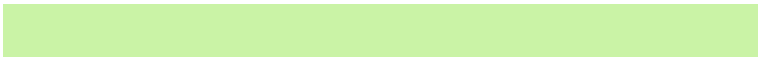
CFA6F3

Split Complementary

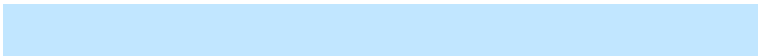
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCCFF



CAF3A6



C1E6FF

Square

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



CAF3A6



58FAFF



FBD8FF



FFCDB6

Rectangle

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



CAF3A6



79FCE3



FBD8FF



FFC8EA

Sweetspot

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



CAF3A6



F1FFE6



F3CEA6



778070



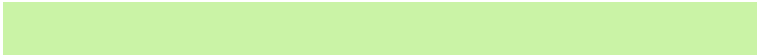
000000



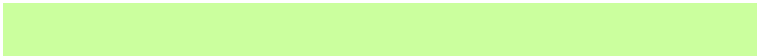
808080

Same Dimension

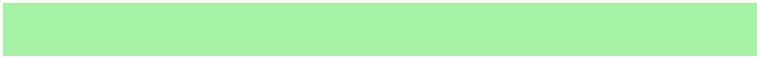
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CAF3A6



CBFF9E



A6F3A7



747A6E



57BA00



1B3B00

Inverse Universe

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



CFA6F3



D29EFF



F3A6F2



756E7A



6300BA



1F003B

Previews

White Background



This preview shows how the Hex color CAF3A6 looks on a white background.

Color Contrast Check

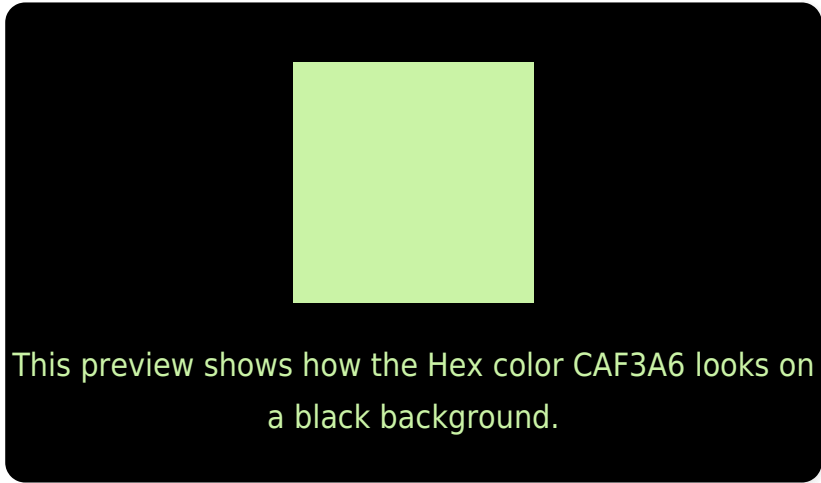
Large Text (above 18pt) WCAG AA × Fail

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

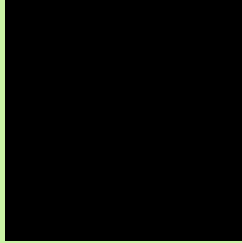
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

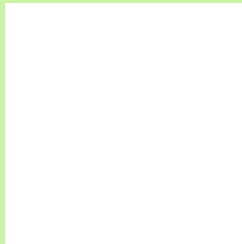
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CAF3A6 Background



This preview shows how black text looks on a background with the Hex color CAF3A6.

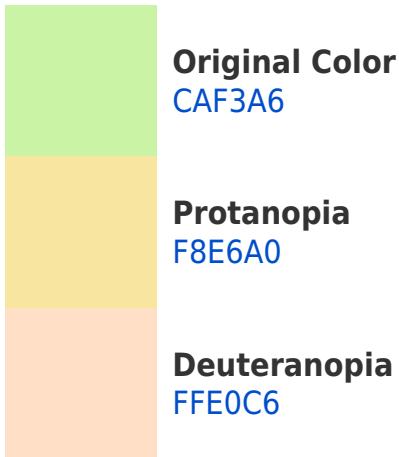


This preview shows how white text looks on a background with the Hex color CAF3A6.

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



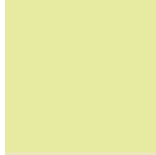


Tritanopia
D7E8FB

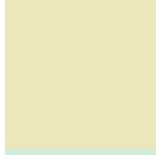
Trichromacy



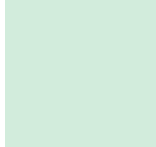
Original Color
CAF3A6



Protanomaly
E7EBA2



Deuteranomaly
ECE7BA

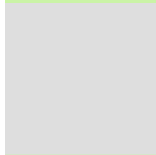


Tritanomaly
D2ECDC

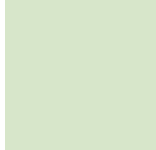
Monochromacy



Original Color
CAF3A6



Achromatopsia
DEDEDE



Achromatomaly
D7E6CA

CSS Examples

Text

The CSS property to change the color of the text to Hex CAF3A6 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 #CAF3A6 looks like.

```
.text, #text, p{  
    color:#CAF3A6  
}
```

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 #CAF3A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAF3A6
}
```

Border

The CSS property to change the border of an element to Hex CAF3A6 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
#CAF3A6 }
```

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

```
.border{ border-color:#CAF3A6 }
```

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

Here you see how a box with a 4 pixel #CAF3A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAF3A6; -webkit-box-shadow:4px 4px  
4px 4px #CAF3A6; box-shadow:4px 4px 4px  
4px #CAF3A6 }
```

Background

The CSS property to change the background color of an element to Hex CAF3A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAF3A6 }
```

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

```
.background{ background-color:#CAF3A6 }
```

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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