

Converting Colors

Hex(CAC255)

Have a look what the booklet for
Hex(CAC255) contains.

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Color

Hex(CAC255)

Conversions

Conversions Part 1

Format	Color
Hex	CAC255
RGB	202, 194, 85
RGB Percent	79%, 76%, 33%
CMY	0.2078, 0.2392, 0.6667
CMYK	0.00, 0.04, 0.58, 0.21
HSL	56°, 52%, 56%
HSV	56°, 58%, 79%
XYZ	45.2886, 51.7960, 16.2050
YIQ	183.9660, 39.7570, -32.2030

Conversions

Conversions Part 2

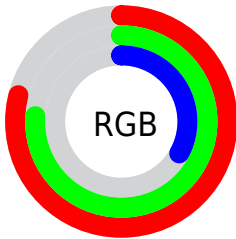
Format	Color
RYB	94, 202, 85
Decimal	13288021
CIELab	77.16, -11.02, 54.63
CIELCh	77, 55.730, 101.402
Yxy	51.7960, 0.3998, 0.4572
Android (android.graphics.Color)	4291478101 (0xFFCAC255)
YUV	183.9660, -48.7902, 15.8158
Hunter-Lab	71.9694, -13.6209, 37.0286

Details

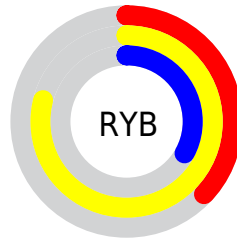
The Hex color **CAC255** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **555DCA**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFFA8A**, and **918D1F** is the 20% darker color. If you saturate the color by 10%, you get **CAC141**, and if you desaturate by 10%, it is **CAC369**.

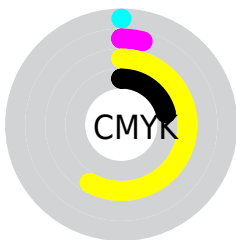
Distribution



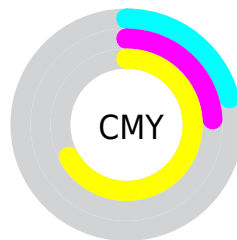
- Red (79%)
- Green (76%)
- Blue (33%)



- Red (37%)
- Yellow (79%)
- Blue (33%)



- Cyan (0%)
- Magenta (4%)
- Yellow (58%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAC255 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 CAC255 by changing the saturation by 10% instead.

 CAC255

 CAC255

FFFFFF

 ADA73B

 FFFA8A

 918D1F

 FFFFA6

 767300

 FFFFC2

 5B5B00

 FFFFDE

 414400

 FFFFFB

 272E00

 0C1A00

 000000

 CAC255

 CAC255

 CAC141

 CAC369

 CABF2D

 CAC57D

 CABE18

 CAC692

 CABC04

 CAC8A6

 CABC00

 CAC9BA

 CACACE

 CACCE2

 CACDF7

 CACEFF

Harmonies

Analogous

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



F8B05B



CAC255



91CF6E

Triad

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



CAC255



00D6FF



FF98E1

Complementary

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



CAC255



555DCA

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.



DCA9FF



CAC255



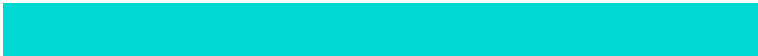
00CDFF

Square

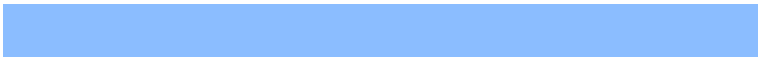
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CAC255



00D9D1



8BBDFE



FF93AD

Rectangle

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



CAC255



62D58B



8BBDFE



FF9DF1

Sweetspot

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



CAC255



FFCD4



CA555F



807E66



000000



808080

Same Dimension

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



CAC255



FFF34D



99CA55



66655C



A69A00



262400

Inverse Universe

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



555DCA



4D59FF



8655CA



5C5C66



000BA6



000326

Previews

White Background



This preview shows how the Hex color CAC255 looks on a white background.

Color Contrast Check

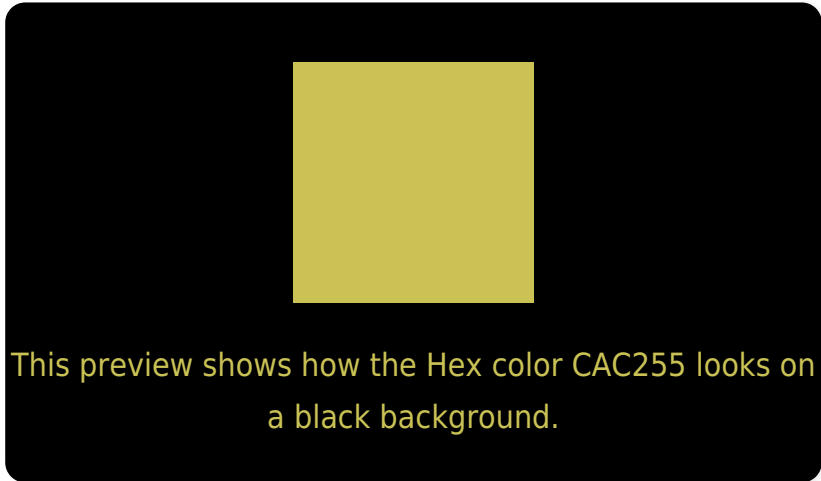
Large Text (above 18pt) WCAG AA × Fail

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 CAC255 Background



This preview shows how black text looks on a background with the Hex color CAC255.



This preview shows how white text looks on a background with the Hex color CAC255.

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



Original Color
CAC255

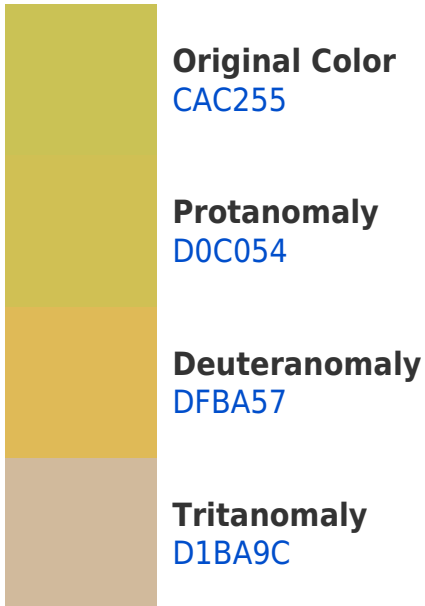
Protanopia
D4BF54

Deuteranopia
EBB558

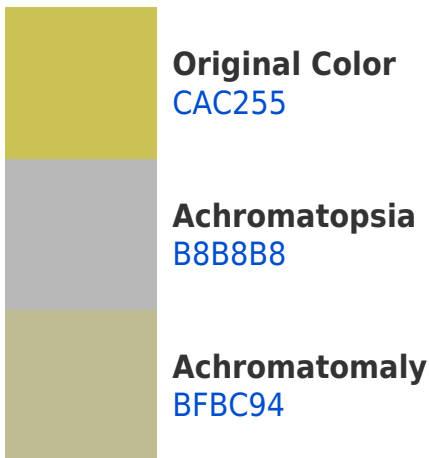


Tritanopia
D5B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAC255 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 #CAC255 looks like.

```
.text, #text, p{  
    color:#CAC255  
}
```

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 #CAC255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAC255
}
```

Border

The CSS property to change the border of an element to Hex CAC255 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
#CAC255 }
```

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

```
.border{ border-color:#CAC255 }
```

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

Here you see how a box with a 4 pixel #CAC255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAC255; -webkit-box-shadow:4px 4px  
4px 4px #CAC255; box-shadow:4px 4px 4px  
4px #CAC255 }
```

Background

The CSS property to change the background color of an element to Hex CAC255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAC255 }
```

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

```
.background{ background-color:#CAC255 }
```

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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