

# Converting Colors

Hex(ABC085)

Have a look what the booklet for  
Hex(ABC085) contains.

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# Color

**Hex(ABC085)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ABC085
RGB	171, 192, 133
RGB Percent	67%, 75%, 52%
CMY	0.3294, 0.2471, 0.4784
CMYK	0.11, 0.00, 0.31, 0.25
HSL	81°, 32%, 64%
HSV	81°, 31%, 75%
XYZ	39.8779, 48.0507, 29.3632
YIQ	178.9950, 6.4230, -22.8010

# Conversions

## Conversions Part 2

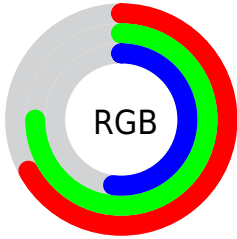
Format	Color
<a href="#">RYB</a>	<a href="#">133, 192, 154</a>
Decimal	<a href="#">11255941</a>
CIELab	<a href="#">74.86, -17.31, 27.44</a>
CIElCh	<a href="#">75, 32.441, 122.252</a>
Yxy	<a href="#">48.0507, 0.3400, 0.4097</a>
Android (android.graphics.Color)	<a href="#">4289446021 (0xFFABC085)</a>
YUV	<a href="#">178.9950, -22.6755, -7.0116</a>
Hunter-Lab	<a href="#">69.3186, -18.6193, 23.4079</a>

# Details

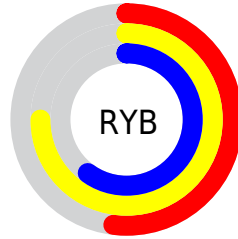
The Hex color **ABC085** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9A85C0**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E3F8BB**, and **768A53** is the 20% darker color. If you saturate the color by 10%, you get **A4C072**, and if you desaturate by 10%, it is **B2C098**.

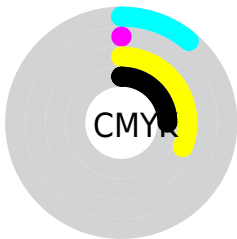
# Distribution



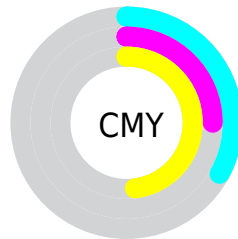
- Red (67%)
- Green (75%)
- Blue (52%)



- Red (52%)
- Yellow (75%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (31%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABC085 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 ABC085 by changing the saturation by 10% instead.





ABC085



ABC085

FFFFFF



90A56B



E3F8BB



768A53



FFFFD6



5D713B



FFFFF3



445824



2D410E



182B00



001800



000000



ABC085



ABC085

 A4C072

 B2C098

 9DC05F

 B9C0AB

 96C04B

 C0C0BF

 90C038

 C6C0D2

 89C025

 CDC0E5

 82C012

 D4C0F8

 7CC000

 DBC0FF

 E2C0FF

 E9C0FF

# Harmonies

## Analogous

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



CBB77C



ABC085



88C69C

# Triad

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



ABC085



6AC3EC



F2A2B7

# Complementary

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



ABC085



9A85C0

# 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.



E0A6D5



ABC085



94BAF3

# Square

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



ABC085



57C8D7



BFB0EB



F2A59A

# Rectangle

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



ABC085



71C8AF



BFB0EB



EEA3C1

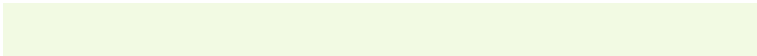


# Sweetspot

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



ABC085



F2FAE3



C09A85



787D6F



FCFCFC



7D7D7D

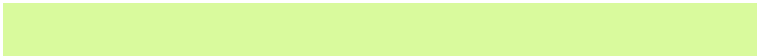


# Same Dimension

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



ABC085



D9FA9D



8EC085



5D6157



67A100



152100



# Inverse Universe

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



9A85C0



BE9DFA



B785C0



5B5761



3900A1



0C0021



# Previews

## White Background



This preview shows how the Hex color ABC085 looks on a white background.

## Color Contrast Check

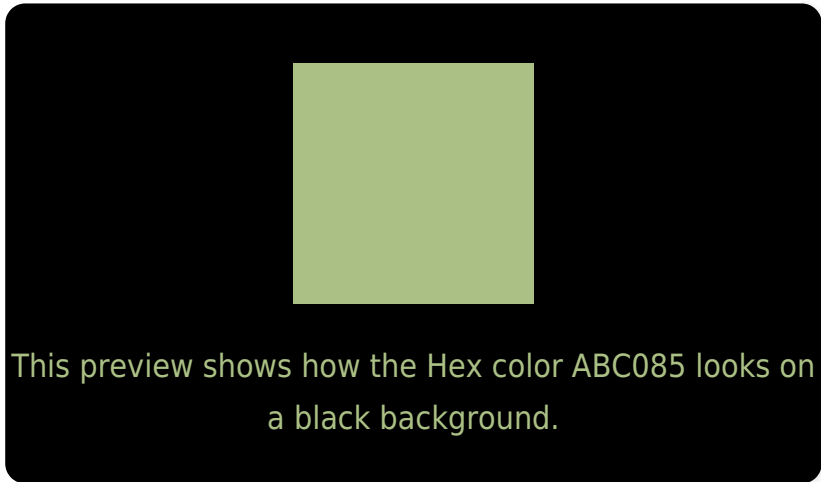
Large Text (above 18pt) WCAG AA × Fail

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

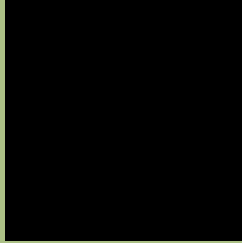
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ABC085 Background



This preview shows how black text looks on a background with the Hex color ABC085.



This preview shows how white text looks on a background with the Hex color ABC085.

# 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](#).

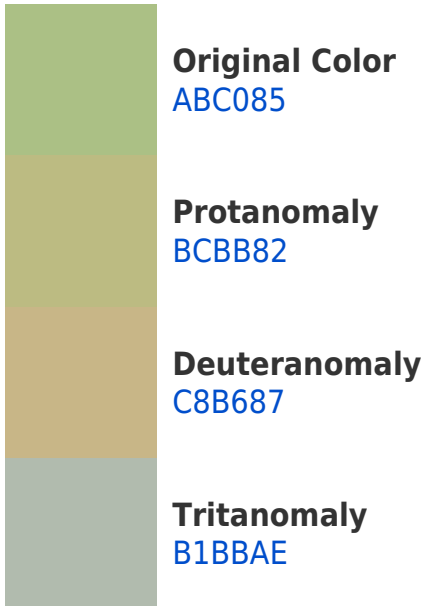
## Dichromacy



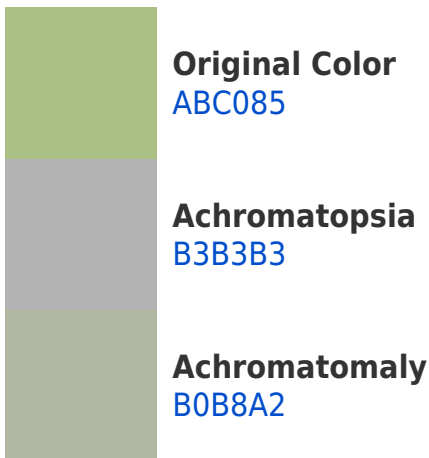


**Tritanopia**  
B4B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABC085 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 #ABC085 looks like.

```
.text, #text, p{  
    color:#ABC085  
}
```

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 #ABC085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABC085
}
```

## Border

The CSS property to change the border of an element to Hex ABC085 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
#ABC085 }
```

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

```
.border{ border-color:#ABC085 }
```

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

Here you see how a box with a 4 pixel #ABC085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABC085; -webkit-box-shadow:4px 4px  
4px 4px #ABC085; box-shadow:4px 4px 4px  
4px #ABC085 }
```

# Background

The CSS property to change the background color of an element to Hex ABC085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABC085 }
```

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

```
.background{ background-color:#ABC085 }
```

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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