

Converting Colors

Hex(C5AE87)

Have a look what the booklet for
Hex(C5AE87) contains.

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Color

Hex(C5AE87)

Conversions

Conversions Part 1

Format	Color
Hex	C5AE87
RGB	197, 174, 135
RGB Percent	77%, 68%, 53%
CMY	0.2275, 0.3176, 0.4706
CMYK	0.00, 0.12, 0.31, 0.23
HSL	38°, 35%, 65%
HSV	38°, 31%, 77%
XYZ	42.5352, 43.8917, 29.1518
YIQ	176.4310, 26.2270, -7.2530

Conversions

Conversions Part 2

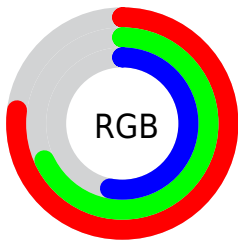
Format	Color
RYB	172, 197, 135
Decimal	12955271
CIELab	72.16, 2.47, 23.09
CIELCh	72, 23.221, 83.904
Yxy	43.8917, 0.3680, 0.3798
Android (android.graphics.Color)	4291145351 (0xFFC5AE87)
YUV	176.4310, -20.4255, 18.0390
Hunter-Lab	66.2508, -1.3361, 20.2867

Details

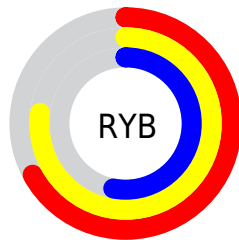
The Hex color **C5AE87** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **879EC5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FEE5BC**, and **8E7A55** is the 20% darker color. If you saturate the color by 10%, you get **C5A773**, and if you desaturate by 10%, it is **C5B59B**.

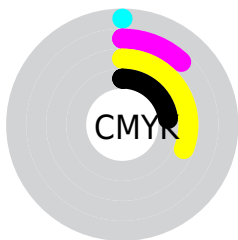
Distribution



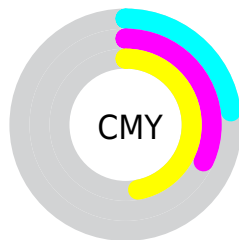
- Red (77%)
- Green (68%)
- Blue (53%)



- Red (67%)
- Yellow (77%)
- Blue (53%)



- Cyan (0%)
- Magenta (12%)
- Yellow (31%)
- Black (23%)



- Cyan (23%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5AE87 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 C5AE87 by changing the saturation by 10% instead.

 C5AE87

FFFFFF

 FEE5BC

 FFFFD8

 FFFFF5

 C5AE87

 A9936E


 8E7A55

 74613D

 5B4927

 423312

 2C1E00

 110600

 000000

 C5AE87

 C5AE87

 C5A773

 C5B59B

 C59F60

 C5BDAE

 C5984C

 C5C4C2

 C59138

 C5CBD6

 C58925

 C5D3EA

 C58211

 C5DAFD

 C57C00

 C5E1FF

 C5E8FF

 C5F0FF

Harmonies

Analogous

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



D5A78F



C5AE87



AFB58A

Triad

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



C5AE87



75BDC1



C8A6CA

Complementary

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



C5AE87



879EC5

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.



AFADD8



C5AE87



7BBAD2

Square

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



C5AE87



81BDAC



92B4DB



D8A2B6

Rectangle

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



C5AE87



9FB992



92B4DB



C1A8D0

Sweetspot

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



C5AE87



FFF6E8



C5879F



807A71



000000



808080

Same Dimension

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



C5AE87



FFDB9E



BEC587



63605A



A36700



241600

Inverse Universe

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



879EC5



9EC2FF



8E87C5



5A5D63



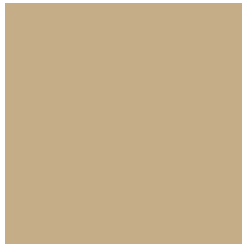
003DA3



000D24

Previews

White Background



This preview shows how the Hex color C5AE87 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 C5AE87 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

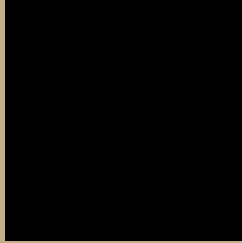
Any Text WCAG AA ✓ Pass

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 C5AE87 Background



This preview shows how black text looks on a background with the Hex color C5AE87.

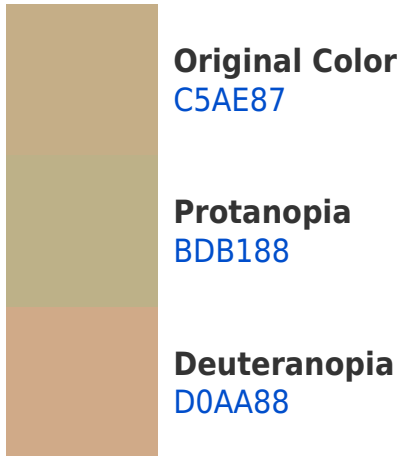


This preview shows how white text looks on a background with the Hex color C5AE87.

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](#).

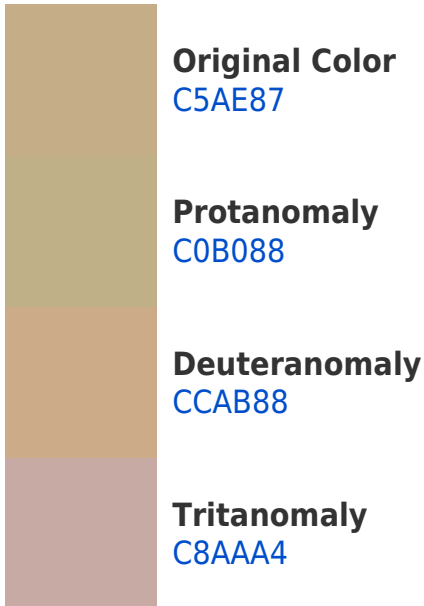
Dichromacy



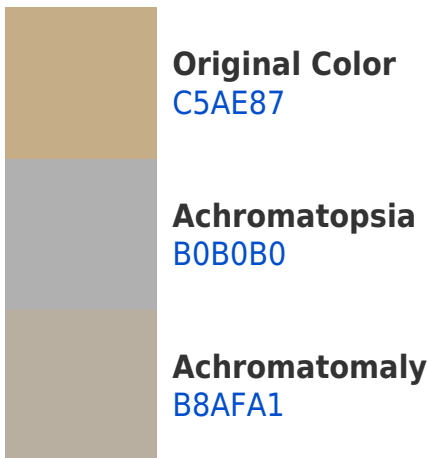


Tritanopia
CAA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5AE87 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 #C5AE87 looks like.

```
.text, #text, p{  
    color:#C5AE87  
}
```

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 #C5AE87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5AE87
}
```

Border

The CSS property to change the border of an element to Hex C5AE87 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
#C5AE87 }
```

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

```
.border{ border-color:#C5AE87 }
```

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

Here you see how a box with a 4 pixel #C5AE87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5AE87; -webkit-box-shadow:4px 4px  
4px 4px #C5AE87; box-shadow:4px 4px 4px  
4px #C5AE87 }
```

Background

The CSS property to change the background color of an element to Hex C5AE87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5AE87 }
```

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

```
.background{ background-color:#C5AE87 }
```

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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