

Converting Colors

Hex(ACC47C)

Have a look what the booklet for
Hex(ACC47C) contains.

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Color

Hex(ACC47C)

Conversions

Conversions Part 1

Format	Color
Hex	ACC47C
RGB	172, 196, 124
RGB Percent	67%, 77%, 49%
CMY	0.3255, 0.2314, 0.5137
CMYK	0.12, 0.00, 0.37, 0.23
HSL	80°, 38%, 63%
HSV	80°, 37%, 77%
XYZ	40.3913, 49.7057, 26.5341
YIQ	180.6160, 8.8080, -27.4800

Conversions

Conversions Part 2

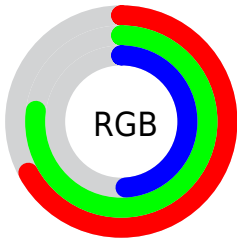
Format	Color
RYB	124, 196, 148
Decimal	11322492
CIELab	75.89, -20.16, 33.50
CIElCh	76, 39.101, 121.033
Yxy	49.7057, 0.3463, 0.4262
Android (android.graphics.Color)	4289512572 (0xFFACC47C)
YUV	180.6160, -27.9117, -7.5562
Hunter-Lab	70.5023, -21.1151, 27.0373

Details

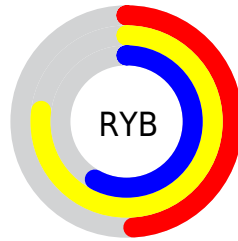
The Hex color **ACC47C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **947CC4**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E4FDB1**, and **778E4A** is the 20% darker color. If you saturate the color by 10%, you get **A5C468**, and if you desaturate by 10%, it is **B3C490**.

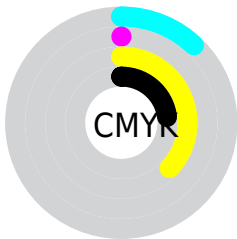
Distribution



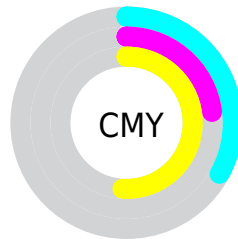
- Red (67%)
- Green (77%)
- Blue (49%)



- Red (49%)
- Yellow (77%)
- Blue (58%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (23%)



- Cyan (33%)
- Magenta (23%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACC47C 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 ACC47C by changing the saturation by 10% instead.

 ACC47C

 ACC47C

FFFFFF

 91A963

 E4FDB1

 778E4A

 FFFFCB

 5D7532

 FFFFEB

 445C1A

 2C4401

 162E00

 001B00

 000000

 ACC47C

 ACC47C

 A5C468

 B3C490

 9FC455

 B9C4A3

 98C441

 C0C4B7

 92C42E

 C6C4CA

 8BC41A

 CDC4DE

 85C406

 D3C4F2

 83C400

 DAC4FF

 E0C4FF

 E7C4FF

Harmonies

Analogous

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



D2B972



ACC47C



81CB97

Triad

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



ACC47C



4CC8F9



FF9FBB

Complementary

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



ACC47C



947CC4

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.



EAA5DF



ACC47C



89BEFF

Square

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



ACC47C



2BCDDF



C1B1F9



FFA298

Rectangle

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



ACC47C



62CEAF



C1B1F9



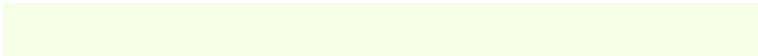
FAA0C7

Sweetspot

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



ACC47C



F6FFE3



C4947C



7A806F



000000



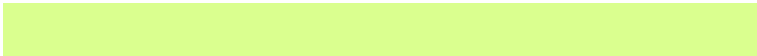
808080

Same Dimension

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



ACC47C



DAFF8F



88C47C



5E6157



6BA100



162100

Inverse Universe

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



947CC4



B48FFF



B87CC4



5A5761



3600A1



0B0021

Previews

White Background



This preview shows how the Hex color ACC47C looks on a white background.

Color Contrast Check

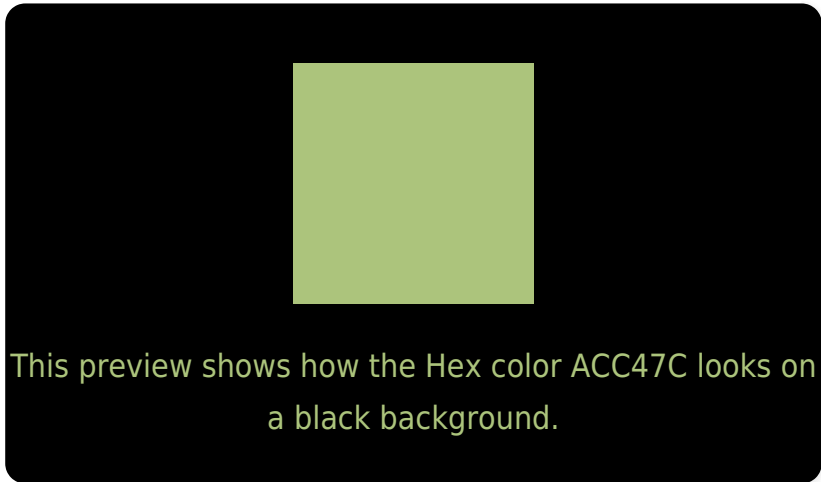
Large Text (above 18pt) WCAG AA × Fail

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

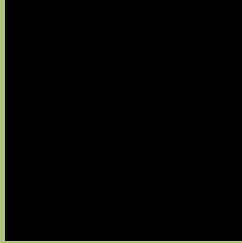
Any Text WCAG AA ✓ Pass

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 ACC47C Background



This preview shows how black text looks on a background with the Hex color ACC47C.

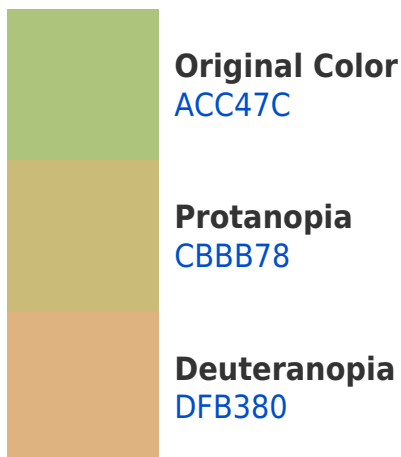


This preview shows how white text looks on a background with the Hex color ACC47C.

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](#).

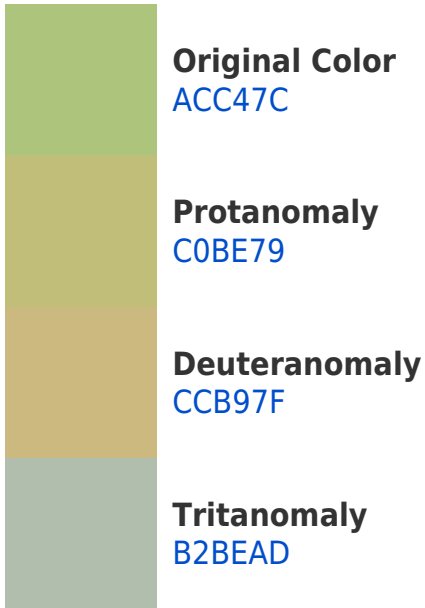
Dichromacy





Tritanopia
B6BBC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACC47C 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 #ACC47C looks like.

```
.text, #text, p{  
    color:#ACC47C  
}
```

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 #ACC47C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACC47C
}
```

Border

The CSS property to change the border of an element to Hex ACC47C 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
#ACC47C }
```

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

```
.border{ border-color:#ACC47C }
```

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

Here you see how a box with a 4 pixel #ACC47C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACC47C; -webkit-box-shadow:4px 4px  
4px 4px #ACC47C; box-shadow:4px 4px 4px  
4px #ACC47C }
```

Background

The CSS property to change the background color of an element to Hex ACC47C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACC47C }
```

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

```
.background{ background-color:#ACC47C }
```

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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