

Converting Colors

Hex(ACA64D)

Have a look what the booklet for
Hex(ACA64D) contains.

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Color

Hex(ACA64D)

Conversions

Conversions Part 1

Format	Color
Hex	ACA64D
RGB	172, 166, 77
RGB Percent	67%, 65%, 30%
CMY	0.3255, 0.3490, 0.6980
CMYK	0.00, 0.03, 0.55, 0.33
HSL	56°, 38%, 49%
HSV	56°, 55%, 67%
XYZ	31.9890, 36.5789, 12.3956
YIQ	157.6480, 32.1450, -26.4070

Conversions

Conversions Part 2

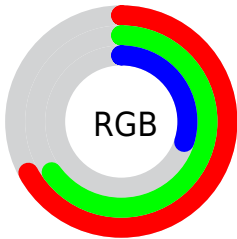
Format	Color
RYB	83, 172, 77
Decimal	11314765
CIELab	66.96, -9.79, 46.10
CIELCh	67, 47.131, 101.989
Yxy	36.5789, 0.3951, 0.4518
Android (android.graphics.Color)	4289504845 (0xFFACA64D)
YUV	157.6480, -39.7595, 12.5867
Hunter-Lab	60.4805, -11.4296, 30.1847

Details

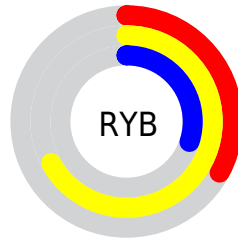
The Hex color **ACA64D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4D53AC**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E5DD81**, and **757219** is the 20% darker color. If you saturate the color by 10%, you get **ACA53C**, and if you desaturate by 10%, it is **ACA75E**.

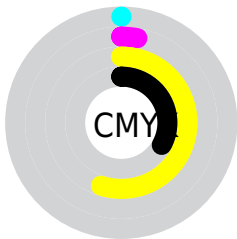
Distribution



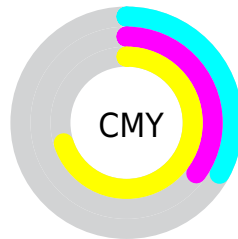
- Red (67%)
- Green (65%)
- Blue (30%)



- Red (33%)
- Yellow (67%)
- Blue (30%)



- Cyan (0%)
- Magenta (3%)
- Yellow (55%)
- Black (33%)



- Cyan (33%)
- Magenta (35%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACA64D 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 ACA64D by changing the saturation by 10% instead.



ACA64D



ACA64D

FFFFFF



908C34



E5DD81



757219



FFF99C



5B5A00



FFFFB7



424300



FFFFD3



292D00



FFFFF0



0D1900



000000



ACA64D



ACA64D



ACA53C



ACA75E

■ ACA42B

■ ACA86F

■ ACA319

■ ACA981

■ ACA208

■ ACAA92

■ ACA100

■ ACABA3

■ ACADB4

■ ACAEC5

■ ACAFD7

■ ACB0E8

Harmonies

Analogous

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



D29852



ACA64D



7DB162

Triad

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



ACA64D



00B6DB



E483BE

Complementary

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



ACA64D



4D53AC

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.



BD91E2



ACA64D



00AFF3

Square

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



ACA64D



00B9B3



7CA2F6



F38093

Rectangle

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



ACA64D



57B57A



7CA2F6



DA87CC

Sweetspot

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



ACA64D



E0DEBA



AC4D53



706F5A



F0F0F0



707070

Same Dimension

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



ACA64D



E0D74C



83AC4D



57564E



968D00



171600

Inverse Universe

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



4D53AC



4C56E0



764DAC



4E4F57



000A96



000117

Previews

White Background



This preview shows how the Hex color ACA64D looks on a white background.

Color Contrast Check

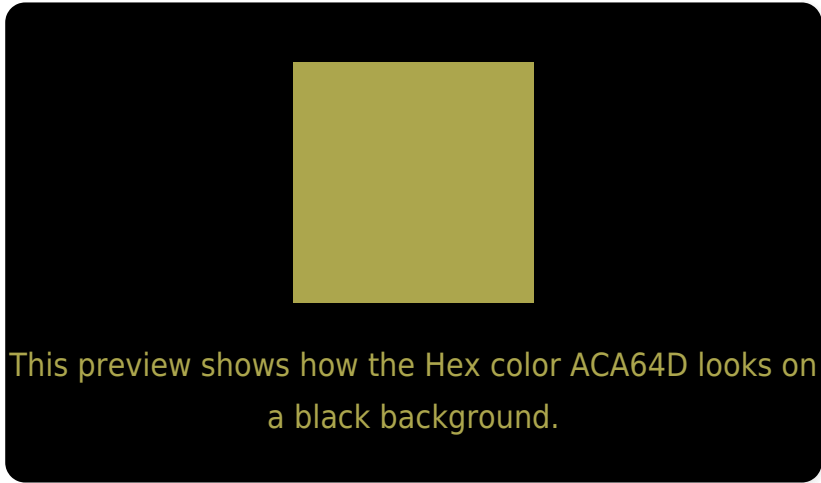
Large Text (above 18pt) WCAG AA × Fail

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

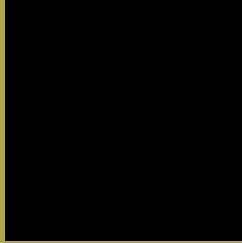
Any Text WCAG AA ✓ Pass

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 ACA64D Background



This preview shows how black text looks on a background with the Hex color ACA64D.

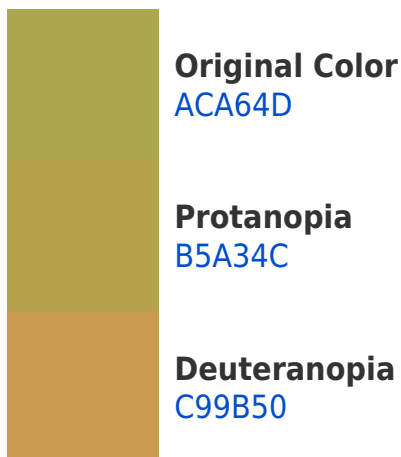


This preview shows how white text looks on a background with the Hex color ACA64D.

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](#).

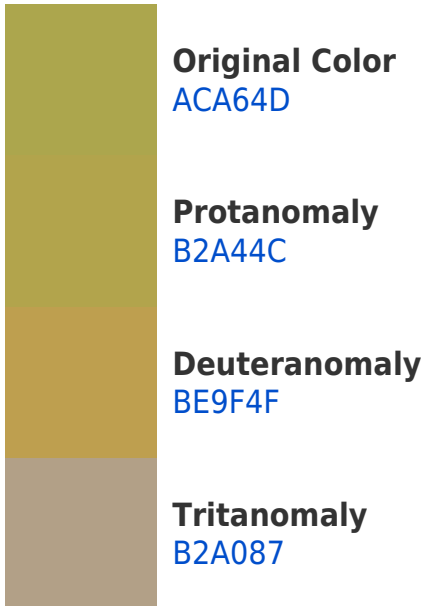
Dichromacy





Tritanopia
B59CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACA64D 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 #ACA64D looks like.

```
.text, #text, p{  
    color:#ACA64D  
}
```

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 #ACA64D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACA64D
}
```

Border

The CSS property to change the border of an element to Hex ACA64D 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
#ACA64D }
```

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

```
.border{ border-color:#ACA64D }
```

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

Here you see how a box with a 4 pixel #ACA64D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACA64D; -webkit-box-shadow:4px 4px  
4px 4px #ACA64D; box-shadow:4px 4px 4px  
4px #ACA64D }
```

Background

The CSS property to change the background color of an element to Hex ACA64D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACA64D }
```

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

```
.background{ background-color:#ACA64D }
```

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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