

# Converting Colors

Hex(ACA162)

Have a look what the booklet for  
Hex(ACA162) contains.

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# **Color**

**Hex(ACA162)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACA162
RGB	172, 161, 98
RGB Percent	67%, 63%, 38%
CMY	0.3255, 0.3686, 0.6157
CMYK	0.00, 0.06, 0.43, 0.33
HSL	51°, 31%, 53%
HSV	51°, 43%, 67%
XYZ	31.9627, 35.1422, 16.6538
YIQ	157.1070, 26.7790, -17.2610

# Conversions

## Conversions Part 2

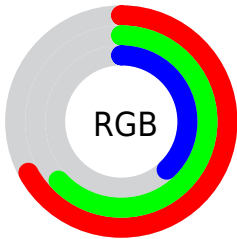
Format	Color
<a href="#">RYB</a>	<a href="#">111, 172, 98</a>
Decimal	<a href="#">11313506</a>
CIELab	<a href="#">65.86, -5.14, 34.18</a>
CIELCh	<a href="#">66, 34.563, 98.555</a>
Yxy	<a href="#">35.1422, 0.3816, 0.4196</a>
Android (android.graphics.Color)	<a href="#">4289503586 (0xFFACA162)</a>
YUV	<a href="#">157.1070, -29.1398, 13.0612</a>
Hunter-Lab	<a href="#">59.2809, -7.4989, 24.8403</a>

# Details

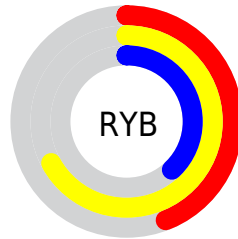
The Hex color **ACA162** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **626DAC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **E5D896**, and **766E32** is the 20% darker color. If you saturate the color by 10%, you get **AC9E51**, and if you desaturate by 10%, it is **ACA473**.

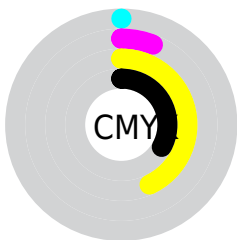
# Distribution



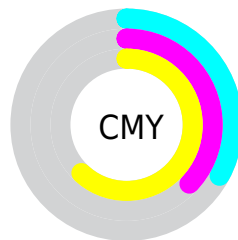
- Red (67%)
- Green (63%)
- Blue (38%)



- Red (44%)
- Yellow (67%)
- Blue (38%)



- Cyan (0%)
- Magenta (6%)
- Yellow (43%)
- Black (33%)



- Cyan (33%)
- Magenta (37%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACA162 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 ACA162 by changing the saturation by 10% instead.



 ACA162

 ACA162

FFFFFF

 918749

 E5D896

 766E32

 FFF4B1

 5C551A

 FFFFCC

 433E01

 FFFFEE

 2C2900

 121500

 000000

 ACA162

 ACA162

 AC9E51

 ACA473

■ AC9C40

■ ACA684

■ AC992E

■ ACA996

■ AC971D

■ ACABA7

■ AC940C

■ ACAEB8

■ AC9200

■ ACB0C9

■ ACB3DA

■ ACB5EC

■ ACB8FD

# Harmonies

## Analogous

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



C89667



ACA162



8AAA6F

# Triad

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



ACA162



27AFC6



CE8BB7

# Complementary

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



ACA162



626DAC

# 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.



AF95D1



ACA162



4EA9D9

# Square

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



ACA162



3CB1A8



82A0DD



DC8898

# Rectangle

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



ACA162



71AE7F



82A0DD



C68EC1



# Sweetspot

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



ACA162



E0DCC3



AC626D



706E5E



F0F0F0



707070



# Same Dimension

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



ACA162



E0CF6C



92AC62



57554E



968000



171400



# Inverse Universe

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



626DAC



6C7DE0



7C62AC



4E4F57



001696



000317



# Previews

## White Background



This preview shows how the Hex color ACA162 looks on a white background.

## Color Contrast Check

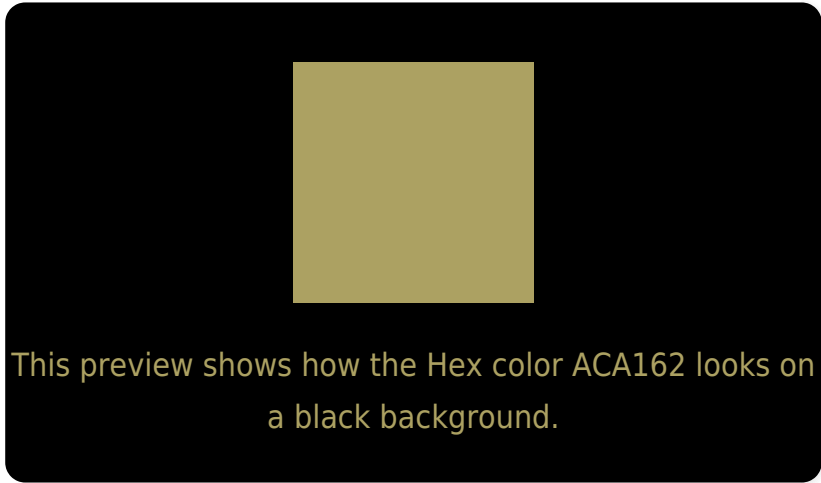
Large Text (above 18pt) WCAG AA × Fail

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

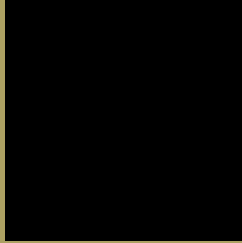
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACA162 Background



This preview shows how black text looks on a background with the Hex color ACA162.



This preview shows how white text looks on a background with the Hex color ACA162.

# 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**  
ACA162

**Protanopia**  
AFA062

**Deuteranopia**  
C19964



**Tritanopia**  
B399A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACA162 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 #ACA162 looks like.

```
.text, #text, p{  
    color:#ACA162  
}
```

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 #ACA162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACA162
}
```

## Border

The CSS property to change the border of an element to Hex ACA162 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
#ACA162 }
```

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

```
.border{ border-color:#ACA162 }
```

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

Here you see how a box with a 4 pixel #ACA162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACA162; -webkit-box-shadow:4px 4px  
4px 4px #ACA162; box-shadow:4px 4px 4px  
4px #ACA162 }
```

# Background

The CSS property to change the background color of an element to Hex ACA162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACA162 }
```

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

```
.background{ background-color:#ACA162 }
```

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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