

Converting Colors

Hex(ACA150)

Have a look what the booklet for
Hex(ACA150) contains.

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Color

Hex(ACA150)

Conversions

Conversions Part 1

Format	Color
Hex	ACA150
RGB	172, 161, 80
RGB Percent	67%, 63%, 31%
CMY	0.3255, 0.3686, 0.6863
CMYK	0.00, 0.06, 0.53, 0.33
HSL	53°, 37%, 49%
HSV	53°, 53%, 67%
XYZ	31.2061, 34.8396, 12.6694
YIQ	155.0550, 32.5570, -22.8590

Conversions

Conversions Part 2

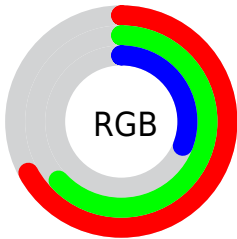
Format	Color
RYB	92, 172, 80
Decimal	11313488
CIELab	65.62, -6.89, 43.09
CIELCh	66, 43.638, 99.086
Yxy	34.8396, 0.3964, 0.4426
Android (android.graphics.Color)	4289503568 (0xFFACA150)
YUV	155.0550, -37.0021, 14.8608
Hunter-Lab	59.0251, -8.9223, 28.5913

Details

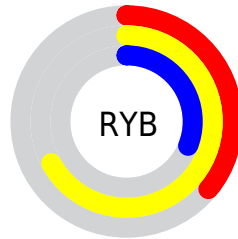
The Hex color **ACA150** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **505BAC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **E5D883**, and **756E1E** is the 20% darker color. If you saturate the color by 10%, you get **AC9F3F**, and if you desaturate by 10%, it is **ACA361**.

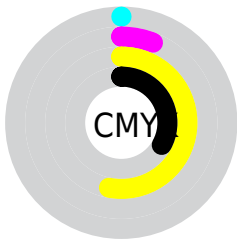
Distribution



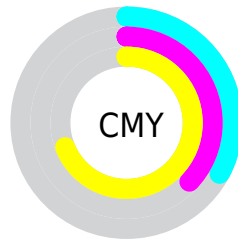
- Red (67%)
- Green (63%)
- Blue (31%)



- Red (36%)
- Yellow (67%)
- Blue (31%)



- Cyan (0%)
- Magenta (6%)
- Yellow (53%)
- Black (33%)



- Cyan (33%)
- Magenta (37%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACA150 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 ACA150 by changing the saturation by 10% instead.

 ACA150

 ACA150

FFFFFF

 908737

 E5D883

 756E1E

 FFF49E

 5B5601

 FFFFBA

 423E00

 FFFFD6

 292900

 FFFFF2

 0D1500

 000000

 ACA150

 ACA150

 AC9F3F

 ACA361

 AC9D2E

 ACA572

 AC9B1C

 ACA784

 AC990B

 ACA995

 AC9700

 ACABA6

 ACADB7

 ACAFC8

 ACB1DA

 ACB4EB

Harmonies

Analogous

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



CE9356



ACA150



82AB61

Triad

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



ACA150



00B2D0



D984BC

Complementary

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



ACA150



505BAC

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.



B391DC



ACA150



00ABE8

Square

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



ACA150



00B4AA



769FEC



EA7F95

Rectangle

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



ACA150



60B076



769FEC



CF87C8

Sweetspot

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



ACA150



E0DCBC



AC505C



706E5B



F0F0F0



707070

Same Dimension

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



ACA150



E0CF51



8AAC50



57564E



968400



171400

Inverse Universe

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



505BAC



5162E0



7250AC



4E4F57



001296



000317

Previews

White Background



This preview shows how the Hex color ACA150 looks on a white background.

Color Contrast Check

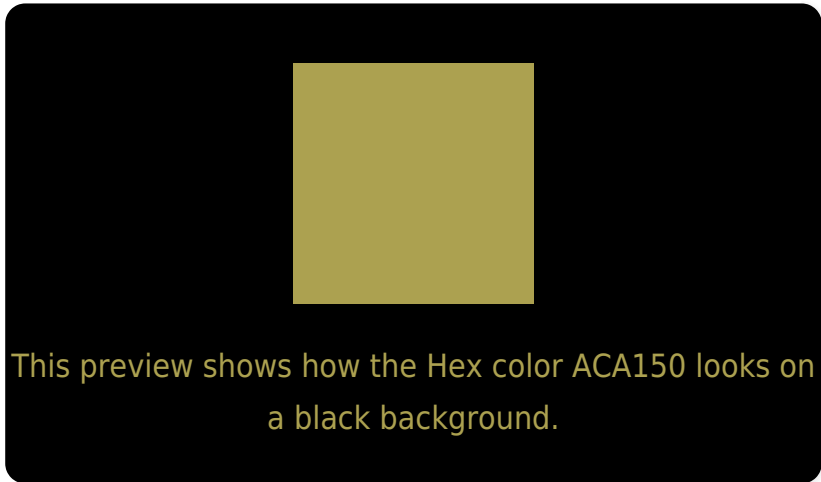
Large Text (above 18pt) WCAG AA × Fail

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 ACA150 Background



This preview shows how black text looks on a background with the Hex color ACA150.



This preview shows how white text looks on a background with the Hex color ACA150.

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
ACA150

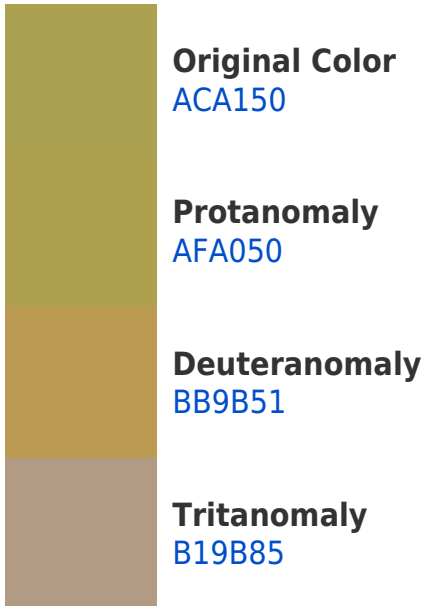
Protanopia
B0A050

Deuteranopia
C49852



Tritanopia
B498A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACA150 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 #ACA150 looks like.

```
.text, #text, p{  
    color:#ACA150  
}
```

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 #ACA150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACA150
}
```

Border

The CSS property to change the border of an element to Hex ACA150 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
#ACA150 }
```

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

```
.border{ border-color:#ACA150 }
```

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

Here you see how a box with a 4 pixel #ACA150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACA150; -webkit-box-shadow:4px 4px  
4px 4px #ACA150; box-shadow:4px 4px 4px  
4px #ACA150 }
```

Background

The CSS property to change the background color of an element to Hex ACA150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACA150 }
```

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

```
.background{ background-color:#ACA150 }
```

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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