

Converting Colors

Hex(ACA259)

Have a look what the booklet for
Hex(ACA259) contains.

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Color

Hex(ACA259)

Conversions

Conversions Part 1

Format	Color
Hex	ACA259
RGB	172, 162, 89
RGB Percent	67%, 64%, 35%
CMY	0.3255, 0.3647, 0.6510
CMYK	0.00, 0.06, 0.48, 0.33
HSL	53°, 33%, 51%
HSV	53°, 48%, 67%
XYZ	31.7368, 35.3326, 14.5984
YIQ	156.6680, 29.3930, -20.5830

Conversions

Conversions Part 2

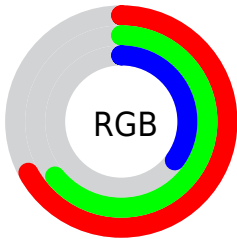
Format	Color
RYB	100, 172, 89
Decimal	11313753
CIELab	66.01, -6.60, 39.03
CIElCh	66, 39.582, 99.596
Yxy	35.3326, 0.3886, 0.4326
Android (android.graphics.Color)	4289503833 (0xFFACA259)
YUV	156.6680, -33.3603, 13.4462
Hunter-Lab	59.4412, -8.7177, 27.0476

Details

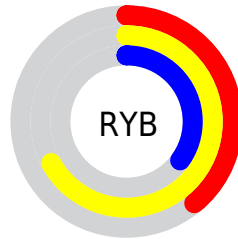
The Hex color **ACA259** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5963AC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **E5D98D**, and **766F28** is the 20% darker color. If you saturate the color by 10%, you get **ACA048**, and if you desaturate by 10%, it is **ACA46A**.

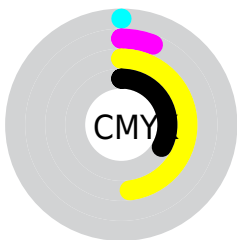
Distribution



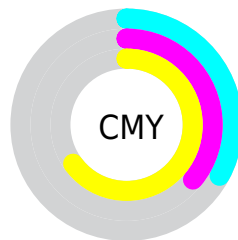
- Red (67%)
- Green (64%)
- Blue (35%)



- Red (39%)
- Yellow (67%)
- Blue (35%)



- Cyan (0%)
- Magenta (6%)
- Yellow (48%)
- Black (33%)



- Cyan (33%)
- Magenta (36%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACA259 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 ACA259 by changing the saturation by 10% instead.



ACA259



ACA259

FFFFFF



918840



E5D98D



766F28



FFF5A7



5C560F



FFFFC3



433F00



FFFFDF



2A2A00



FFFFFC



101600



000000



ACA259



ACA259



ACA048



ACA46A

■ AC9E37

■ ACA67B

■ AC9C25

■ ACA88D

■ AC9A14

■ ACAA9E

■ AC9803

■ ACACAF

■ AC9700

■ ACAEC0

■ ACB1D1

■ ACB3E3

■ ACB5F4

Harmonies

Analogous

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



CC965E



ACA259



85AC68

Triad

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



ACA259



00B1CD



D688BA

Complementary

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



ACA259



5963AC

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.



B393D7



ACA259



36ABE2

Square

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



ACA259



0AB3AB



7EA0E6



E58496

Rectangle

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



ACA259



68B07B



7EA0E6



CC8BC5

Sweetspot

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



ACA259



E0DDC1



AC5964



706E5D



F0F0F0



707070

Same Dimension

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



ACA259



E0D15E



8EAC59



57564E



968400



171400

Inverse Universe

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



5963AC



5E6EE0



7759AC



4E4F57



001296



000317

Previews

White Background



This preview shows how the Hex color ACA259 looks on a white background.

Color Contrast Check

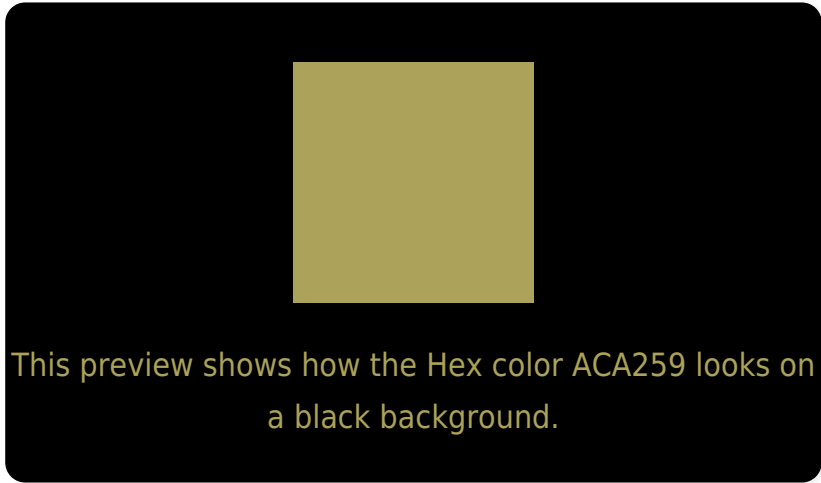
Large Text (above 18pt) WCAG AA × Fail

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

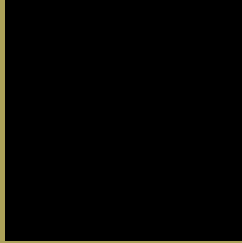
Any Text WCAG AA ✓ Pass

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 ACA259 Background



This preview shows how black text looks on a background with the Hex color ACA259.



This preview shows how white text looks on a background with the Hex color ACA259.

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
ACA259

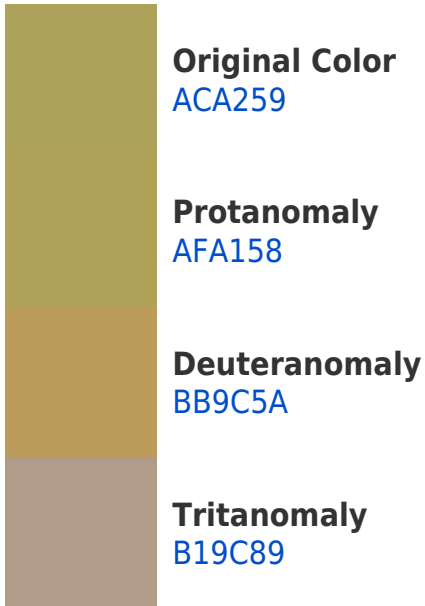
Protanopia
B0A158

Deuteranopia
C4995B



Tritanopia
B499A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACA259 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 #ACA259 looks like.

```
.text, #text, p{  
    color:#ACA259  
}
```

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 #ACA259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACA259
}
```

Border

The CSS property to change the border of an element to Hex ACA259 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
#ACA259 }
```

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

```
.border{ border-color:#ACA259 }
```

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

Here you see how a box with a 4 pixel #ACA259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACA259; -webkit-box-shadow:4px 4px  
4px 4px #ACA259; box-shadow:4px 4px 4px  
4px #ACA259 }
```

Background

The CSS property to change the background color of an element to Hex ACA259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACA259 }
```

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

```
.background{ background-color:#ACA259 }
```

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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