

Converting Colors

Hex(AC9F31)

Have a look what the booklet for
Hex(AC9F31) contains.

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Color

Hex(AC9F31)

Conversions

Conversions Part 1

Format	Color
Hex	AC9F31
RGB	172, 159, 49
RGB Percent	67%, 62%, 19%
CMY	0.3255, 0.3765, 0.8078
CMYK	0.00, 0.08, 0.72, 0.33
HSL	54°, 56%, 43%
HSV	54°, 72%, 67%
XYZ	29.9658, 33.7887, 7.8482
YIQ	150.3470, 43.0580, -31.4540

Conversions

Conversions Part 2

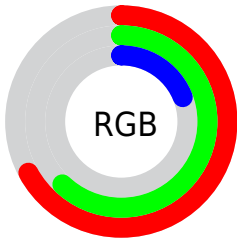
Format	Color
RYB	64, 172, 49
Decimal	11312945
CIELab	64.79, -7.95, 56.07
CIELCh	65, 56.628, 98.070
Yxy	33.7887, 0.4185, 0.4719
Android (android.graphics.Color)	4289503025 (0xFFAC9F31)
YUV	150.3470, -49.9641, 18.9897
Hunter-Lab	58.1280, -9.7049, 32.6845

Details

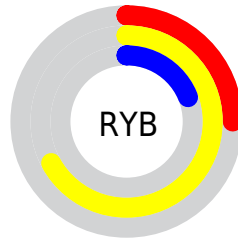
The Hex color **AC9F31** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **313EAC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **E6D566**, and **746C00** is the 20% darker color. If you saturate the color by 10%, you get **AC9D20**, and if you desaturate by 10%, it is **ACA142**.

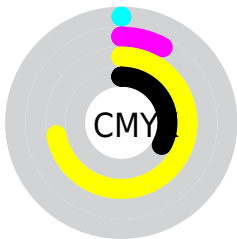
Distribution



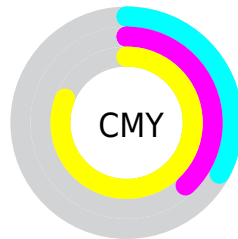
- Red (67%)
- Green (62%)
- Blue (19%)



- Red (25%)
- Yellow (67%)
- Blue (19%)



- Cyan (0%)
- Magenta (8%)
- Yellow (72%)
- Black (33%)



- Cyan (33%)
- Magenta (38%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC9F31 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 AC9F31 by changing the saturation by 10% instead.

 AC9F31

 AC9F31

FFFFFF

 908512

 E6D566

 746C00

 FFF281

 595400

 FFFF9C

 3F3D00

 FFFF88

 262800

 FFFFD5

 061400

 FFFFF2

 000000

 AC9F31

 AC9F31

 AC9D20

 ACA142

■ AC9B0F

■ ACA353

■ AC9A00

■ ACA465

■ ACA676

■ ACA887

■ ACAA98

■ ACACA9

■ ACAEBB

■ ACAFCC

Harmonies

Analogous

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



D78D3D



AC9F31



76AC49

Triad

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



AC9F31



00B4DA



E577C4

Complementary

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



AC9F31



313EAC

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.



B28AED



AC9F31



00ADFB

Square

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



AC9F31



00B6AA



549EFF



FA6F91

Rectangle

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



AC9F31



44B165



549EFF



D87CD4

Sweetspot

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



AC9F31



E0DBB1



AC313F



706D54



F0F0F0



707070

Same Dimension

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



AC9F31



E0CC1F



7DAC31



57564E



968700



171500

Inverse Universe

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



313EAC



1F34E0



6031AC



4E4F57



001096



000217

Previews

White Background



This preview shows how the Hex color AC9F31 looks on a white background.

Color Contrast Check

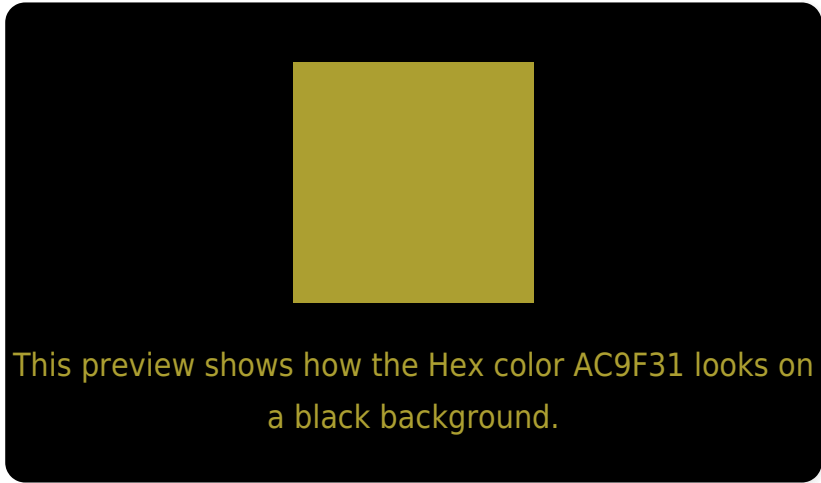
Large Text (above 18pt) WCAG AA × Fail

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 AC9F31 Background



This preview shows how black text looks on a background with the Hex color AC9F31.



This preview shows how white text looks on a background with the Hex color AC9F31.

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
AC9F31

Protanopia
B09E31

Deuteranopia
C59535

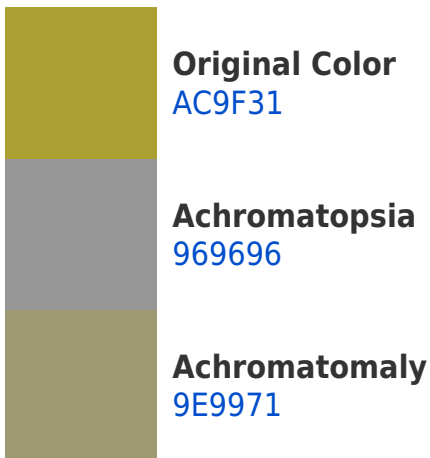


Tritanopia
B595A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC9F31 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 #AC9F31 looks like.

```
.text, #text, p{  
    color:#AC9F31  
}
```

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 #AC9F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC9F31
}
```

Border

The CSS property to change the border of an element to Hex AC9F31 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
#AC9F31 }
```

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

```
.border{ border-color:#AC9F31 }
```

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

Here you see how a box with a 4 pixel #AC9F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC9F31; -webkit-box-shadow:4px 4px  
4px 4px #AC9F31; box-shadow:4px 4px 4px  
4px #AC9F31 }
```

Background

The CSS property to change the background color of an element to Hex AC9F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC9F31 }
```

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

```
.background{ background-color:#AC9F31 }
```

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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