

Converting Colors

Hex(AC9146)

Have a look what the booklet for
Hex(AC9146) contains.

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Color

Hex(AC9146)

Conversions

Conversions Part 1

Format	Color
Hex	AC9146
RGB	172, 145, 70
RGB Percent	67%, 57%, 27%
CMY	0.3255, 0.4314, 0.7255
CMYK	0.00, 0.16, 0.59, 0.33
HSL	44°, 42%, 47%
HSV	44°, 59%, 67%
XYZ	28.2441, 29.4637, 9.9928
YIQ	144.5230, 40.1670, -17.6010

Conversions

Conversions Part 2

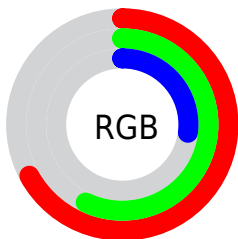
Format	Color
RYB	107, 172, 70
Decimal	11309382
CIELab	61.19, 0.95, 42.87
CIELCh	61, 42.881, 88.734
Yxy	29.4637, 0.4172, 0.4352
Android (android.graphics.Color)	4289499462 (0xFFAC9146)
YUV	144.5230, -36.7398, 24.0973
Hunter-Lab	54.2804, -2.1105, 27.0813

Details

The Hex color **AC9146** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4661AC**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E6C779**, and **755F14** is the 20% darker color. If you saturate the color by 10%, you get **AC8C35**, and if you desaturate by 10%, it is **AC9657**.

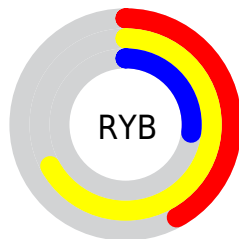
Distribution



Red (67%)

Green (57%)

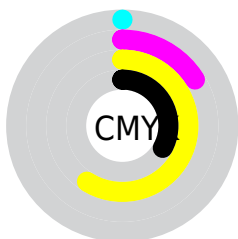
Blue (27%)



Red (42%)

Yellow (67%)

Blue (27%)

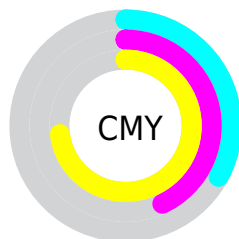


Cyan (0%)

Magenta (16%)

Yellow (59%)

Black (33%)



Cyan (33%)

Magenta (43%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC9146 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 AC9146 by changing the saturation by 10% instead.

 AC9146

 AC9146

FFFFFF

 90772D

 E6C779

 755F14

 FFE393

 5A4700

 FFFFAE

 413100

 FFFFCA

 281D00

 FFFF E7

 090300

 000000

 AC9146

 AC9146

 AC8C35

 AC9657

■ AC8824

■ AC9A68

■ AC8312

■ AC9F7A

■ AC7F01

■ ACA38B

■ AC7E00

■ ACA89C

■ ACACAD

■ ACB1BE

■ ACB5D0

■ ACBAE1

Harmonies

Analogous

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



CA8354



AC9146



869C4F

Triad

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



AC9146



00A6B7



C17CBC

Complementary

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



AC9146



4661AC

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.



948AD6



AC9146



00A2D4

Square

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



AC9146



00A791



4F98DF



D87497

Rectangle

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



AC9146



68A260



4F98DF



B581C6

Sweetspot

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



AC9146



E0D6B8



AC4661



706A58



F0F0F0



707070

Same Dimension

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



AC9146



E0B641



94AC46



57544E



966F00



171100

Inverse Universe

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



4661AC



416BE0



5E46AC



4E5057



002896



000617

Previews

White Background



This preview shows how the Hex color AC9146 looks on a white background.

Color Contrast Check

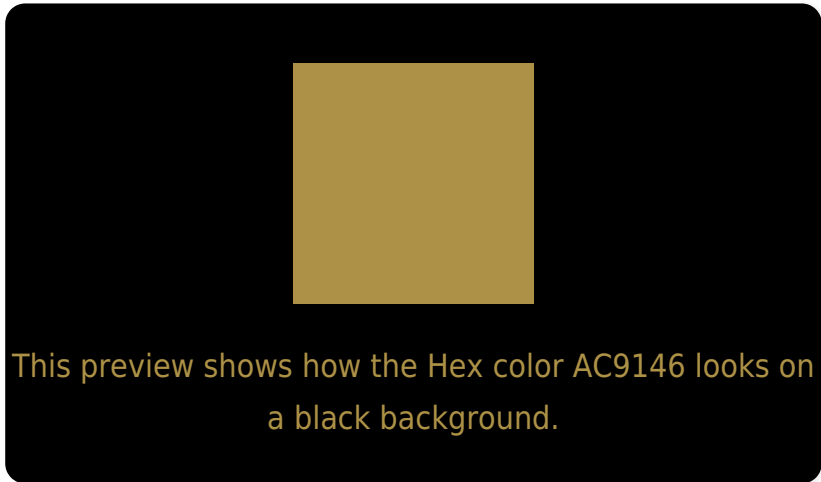
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex AC9146 Background



This preview shows how black text looks on a background with the Hex color AC9146.



This preview shows how white text looks on a background with the Hex color AC9146.

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
AC9146

Protanopia
A49447

Deuteranopia
B68D47

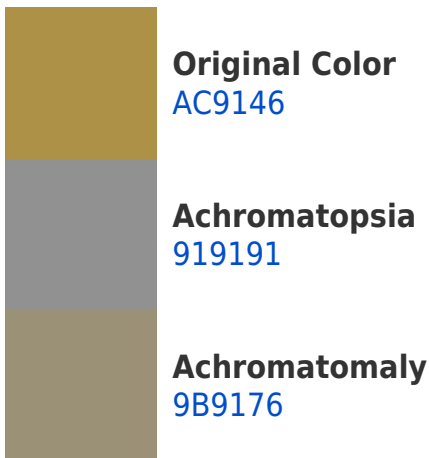


Tritanopia
B38993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC9146 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 #AC9146 looks like.

```
.text, #text, p{  
    color:#AC9146  
}
```

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 #AC9146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC9146  
}
```

Border

The CSS property to change the border of an element to Hex AC9146 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  
#AC9146 }
```

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

```
.border{ border-color:#AC9146 }
```

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

Here you see how a box with a 4 pixel #AC9146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC9146; -webkit-box-shadow:4px 4px  
4px 4px #AC9146; box-shadow:4px 4px 4px  
4px #AC9146 }
```

Background

The CSS property to change the background color of an element to Hex AC9146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC9146 }
```

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

```
.background{ background-color:#AC9146 }
```

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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