

Converting Colors

Hex(ACB941)

Have a look what the booklet for
Hex(ACB941) contains.

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Color

Hex(ACB941)

Conversions

Conversions Part 1

Format	Color
Hex	ACB941
RGB	172, 185, 65
RGB Percent	67%, 73%, 25%
CMY	0.3255, 0.2745, 0.7451
CMYK	0.07, 0.00, 0.65, 0.27
HSL	66°, 48%, 49%
HSV	66°, 65%, 73%
XYZ	35.3164, 43.8502, 11.6036
YIQ	167.4330, 30.7720, -40.0760

Conversions

Conversions Part 2

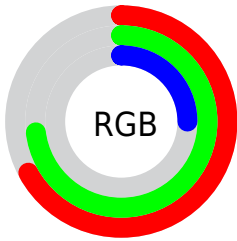
Format	Color
RYB	65, 185, 78
Decimal	11319617
CIELab	72.13, -20.40, 57.12
CIELCh	72, 60.658, 109.657
Yxy	43.8502, 0.3891, 0.4831
Android (android.graphics.Color)	4289509697 (0xFFACB941)
YUV	167.4330, -50.4995, 4.0053
Hunter-Lab	66.2195, -20.6861, 35.9643

Details

The Hex color **ACB941** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4E41B9**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **E6F177**, and **758400** is the 20% darker color. If you saturate the color by 10%, you get **AAB92F**, and if you desaturate by 10%, it is **AEB953**.

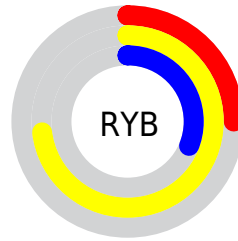
Distribution



Red (67%)

Green (73%)

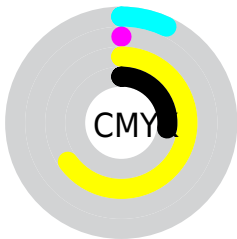
Blue (25%)



Red (25%)

Yellow (73%)

Blue (31%)

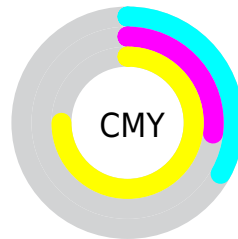


Cyan (7%)

Magenta (0%)

Yellow (65%)

Black (27%)



Cyan (33%)

Magenta (27%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACB941 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 ACB941 by changing the saturation by 10% instead.

 ACB941

 ACB941

FFFFFF

 909E25

 E6F177

 758400

 FFFF92

 5A6B00

 FFFF92

 405300

 FFFFCA

 253C00

 FFFF92

 0B2600

 000E00

 000000

 ACB941

 ACB941

 AAB92F

 AEB953

 A8B91C

 B0B966

 A6B909

 B2B979

 A5B900

 B4B98B

 B6B99D

 B8B9B0

 BAB9C3

 BCB9D5

 BEB9E7

Harmonies

Analogous

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



E0A73E



ACB941



6AC566

Triad

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



ACB941



00C8FF



FF81C6

Complementary

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



ACB941



4E41B9

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.



E293F9



ACB941



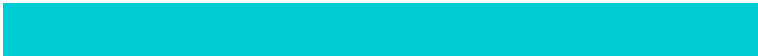
00BDFE

Square

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



ACB941



00CCD4



92AAFF



FF818F

Rectangle

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



ACB941



0DC988



92AAFF



FF86D9

Sweetspot

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



ACB941



EBF0C2



B94D41



75785C



F7F7F7



787878

Same Dimension

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



ACB941



DBF035



71B941



5B5C53



8B9C00



191C00

Inverse Universe

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



4E41B9



4935F0



8941B9



54535C



11009C



03001C

Previews

White Background



This preview shows how the Hex color ACB941 looks on a white background.

Color Contrast Check

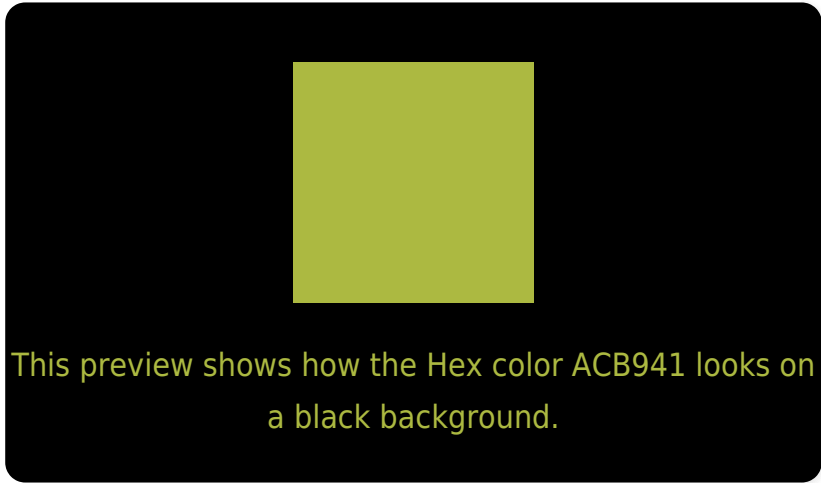
Large Text (above 18pt) WCAG AA × Fail

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 ACB941 Background



This preview shows how black text looks on a background with the Hex color ACB941.



This preview shows how white text looks on a background with the Hex color ACB941.

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
ACB941

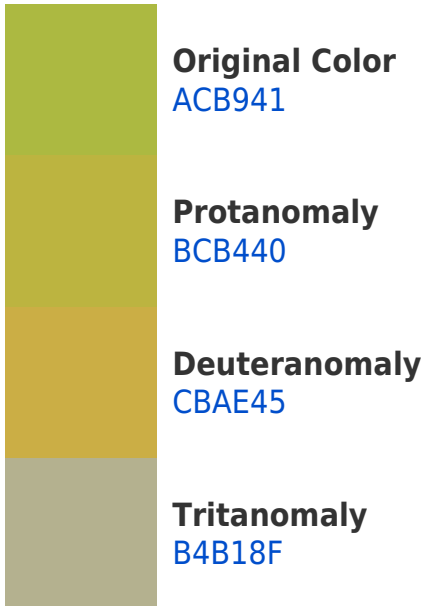
Protanopia
C5B13F

Deuteranopia
DCA847



Tritanopia
B8ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACB941 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 #ACB941 looks like.

```
.text, #text, p{  
    color:#ACB941  
}
```

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 #ACB941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACB941
}
```

Border

The CSS property to change the border of an element to Hex ACB941 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
#ACB941 }
```

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

```
.border{ border-color:#ACB941 }
```

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

Here you see how a box with a 4 pixel #ACB941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACB941; -webkit-box-shadow:4px 4px  
4px 4px #ACB941; box-shadow:4px 4px 4px  
4px #ACB941 }
```

Background

The CSS property to change the background color of an element to Hex ACB941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACB941 }
```

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

```
.background{ background-color:#ACB941 }
```

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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