

Converting Colors

Hex(ACB255)

Have a look what the booklet for
Hex(ACB255) contains.

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Color

Hex(ACB255)

Conversions

Conversions Part 1

Format	Color
Hex	ACB255
RGB	172, 178, 85
RGB Percent	67%, 70%, 33%
CMY	0.3255, 0.3020, 0.6667
CMYK	0.03, 0.00, 0.52, 0.30
HSL	64°, 38%, 52%
HSV	64°, 52%, 70%
XYZ	34.5733, 41.2673, 14.7375
YIQ	165.6040, 26.2770, -30.1950

Conversions

Conversions Part 2

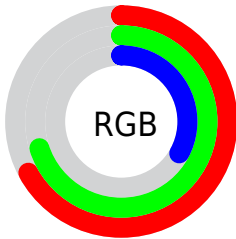
Format	Color
RYB	85, 178, 91
Decimal	11317845
CIELab	70.36, -15.33, 46.21
CIELCh	70, 48.691, 108.355
Yxy	41.2673, 0.3817, 0.4556
Android (android.graphics.Color)	4289507925 (0xFFACB255)
YUV	165.6040, -39.7378, 5.6093
Hunter-Lab	64.2396, -16.3519, 31.3658

Details

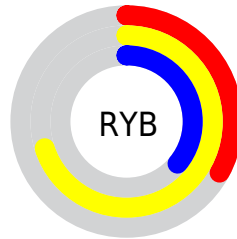
The Hex color **ACB255** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5B55B2**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E5EA89**, and **757E22** is the 20% darker color. If you saturate the color by 10%, you get **ABB243**, and if you desaturate by 10%, it is **ADB267**.

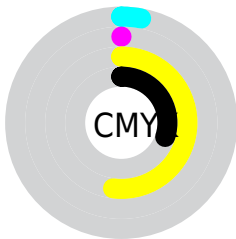
Distribution



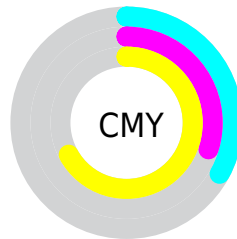
- Red (67%)
- Green (70%)
- Blue (33%)



- Red (33%)
- Yellow (70%)
- Blue (36%)



- Cyan (3%)
- Magenta (0%)
- Yellow (52%)
- Black (30%)



- Cyan (33%)
- Magenta (30%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACB255 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 ACB255 by changing the saturation by 10% instead.



ACB255



ACB255

FFFFFF



90973C



E5EA89



757E22



FFFFA4



5B6502



FFFFC0



424D00



FFFFDC



293600



FFFFF9



102100



000200



000000



ACB255



ACB255

 ABB243

 ADB267

 AAB231

 AEB279

 A9B220

 AFB28A

 A7B20E

 B1B29C

 A7B200

 B2B2AE

 B3B2C0

 B4B2D2

 B5B2E3

 B6B2F5

Harmonies

Analogous

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



D6A454



ACB255



79BC6F

Triad

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



ACB255



00BFED



F689BF

Complementary

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



ACB255



5B55B2

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.



D296E7



ACB255



2AB6FF

Square

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



ACB255



00C3C6



94A7FF



FF8893

Rectangle

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



ACB255



4DC08A



94A7FF



ED8CCE

Sweetspot

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



ACB255



E6E8C3



B25A55



74755F



F5F5F5



757575

Same Dimension

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



ACB255



DFE856



7FB255



595950



8F9900



181A00

Inverse Universe

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



5B55B2



5F56E8



8855B2



515059



0A0099



02001A

Previews

White Background



This preview shows how the Hex color ACB255 looks on a white background.

Color Contrast Check

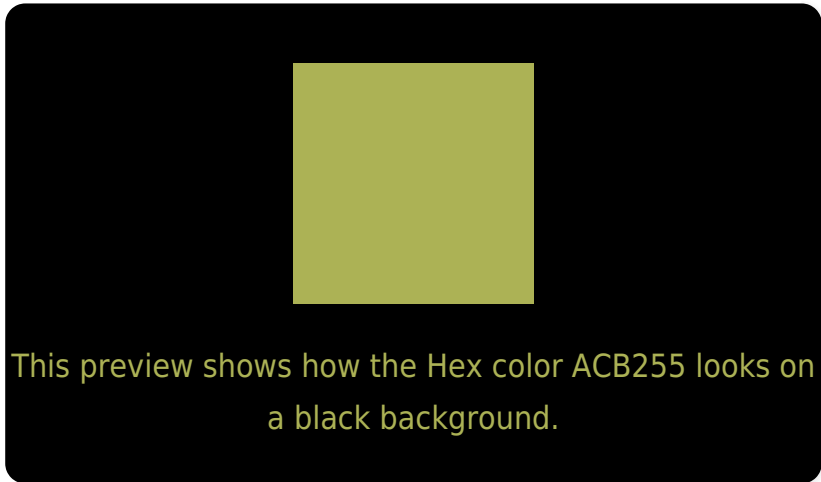
Large Text (above 18pt) WCAG AA × Fail

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

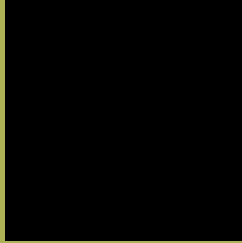
Any Text WCAG AA ✓ Pass

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 ACB255 Background



This preview shows how black text looks on a background with the Hex color ACB255.

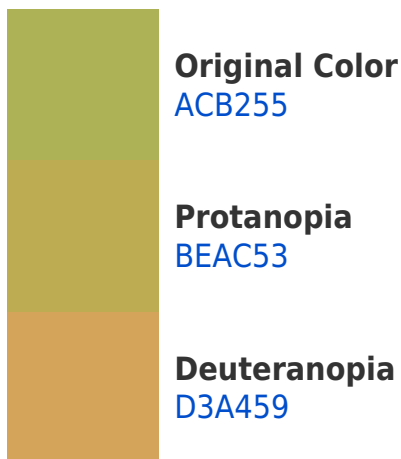


This preview shows how white text looks on a background with the Hex color ACB255.

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](#).

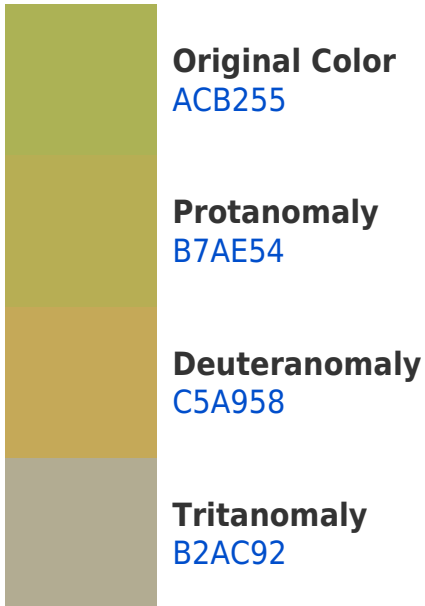
Dichromacy





Tritanopia
B6A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACB255 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 #ACB255 looks like.

```
.text, #text, p{  
    color:#ACB255  
}
```

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 #ACB255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACB255
}
```

Border

The CSS property to change the border of an element to Hex ACB255 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
#ACB255 }
```

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

```
.border{ border-color:#ACB255 }
```

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

Here you see how a box with a 4 pixel #ACB255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACB255; -webkit-box-shadow:4px 4px  
4px 4px #ACB255; box-shadow:4px 4px 4px  
4px #ACB255 }
```

Background

The CSS property to change the background color of an element to Hex ACB255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACB255 }
```

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

```
.background{ background-color:#ACB255 }
```

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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