

Converting Colors

Hex(ACCB70)

Have a look what the booklet for
Hex(ACCB70) contains.

Hex(ACCB70)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(ACCB70)

Conversions

Conversions Part 1

Format	Color
Hex	ACCB70
RGB	172, 203, 112
RGB Percent	67%, 80%, 44%
CMY	0.3255, 0.2039, 0.5608
CMYK	0.15, 0.00, 0.45, 0.20
HSL	80°, 47%, 62%
HSV	80°, 45%, 80%
XYZ	41.2938, 52.6524, 23.3157
YIQ	183.3570, 10.7350, -34.8730

Conversions

Conversions Part 2

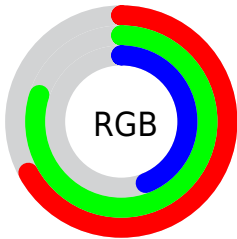
Format	Color
RYB	112, 203, 143
Decimal	11324272
CIELab	77.67, -25.06, 41.85
CIELCh	78, 48.773, 120.912
Yxy	52.6524, 0.3522, 0.4490
Android (android.graphics.Color)	4289514352 (0xFFACCB70)
YUV	183.3570, -35.1790, -9.9601
Hunter-Lab	72.5620, -25.4020, 31.7422

Details

The Hex color **ACCB70** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8F70CB**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E5FFA5**, and **76953D** is the 20% darker color. If you saturate the color by 10%, you get **A5CB5C**, and if you desaturate by 10%, it is **B3CB84**.

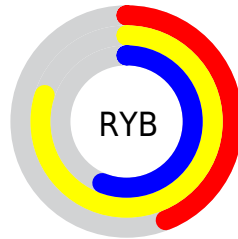
Distribution



Red (67%)

Green (80%)

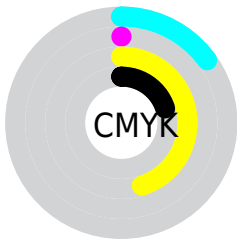
Blue (44%)



Red (44%)

Yellow (80%)

Blue (56%)

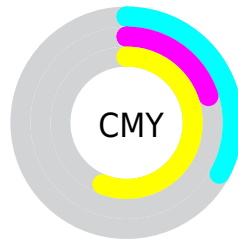


Cyan (15%)

Magenta (0%)

Yellow (45%)

Black (20%)



Cyan (33%)

Magenta (20%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACCB70 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 ACCB70 by changing the saturation by 10% instead.

 ACCB70

 ACCB70

FFFFFF

 91B056

 E5FFA5

 76953D

 FFFFC1

 5C7B24

 FFFFDD

 426207

 FFFFFA

 2A4A00

 103300

 001F00

 000000

 ACCB70

 ACCB70

 A5CB5C

 B3CB84

 9ECB47

 BACB99

 97CB33

 C1CBAD

 90CB1F

 C8CBC1

 89CB0B

 CFCBD6

 86CB00

 D5CBEA

 DCCBFE

 E3CBFF

 EACBFF

Harmonies

Analogous

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



DBBE64



ACCB70



74D492

Triad

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



ACCB70



00D0FF



FF9BC0

Complementary

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



ACCB70



8F70CB

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.



F9A3ED



ACCB70



79C4FF

Square

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



ACCB70



00D6ED



C6B4FF



FFA094

Rectangle

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



ACCB70



40D7B0



C6B4FF



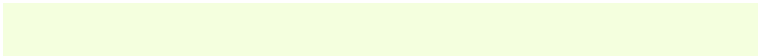
FF9DD0

Sweetspot

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



ACCB70



F4FFDE



CB8E70



79806B



000000



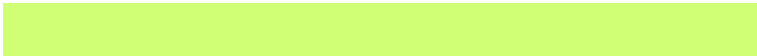
808080

Same Dimension

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



ACCB70



D0FF75



7FCB70



63665C



6DA600



192600

Inverse Universe

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



8F70CB



A475FF



BC70CB



5F5C66



3800A6



0D0026

Previews

White Background



This preview shows how the Hex color ACCB70 looks on a white background.

Color Contrast Check

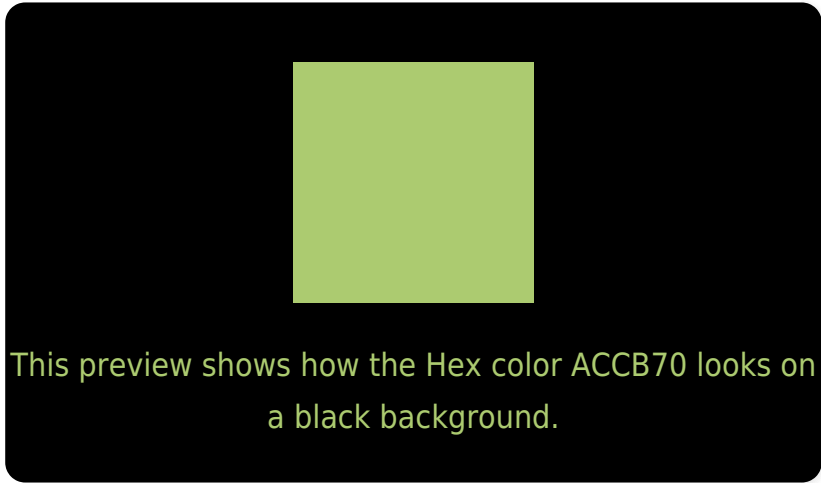
Large Text (above 18pt) WCAG AA × Fail

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 ACCB70 Background



This preview shows how black text looks on a background with the Hex color ACCB70.

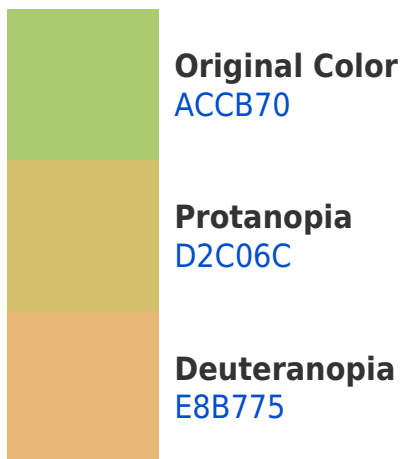


This preview shows how white text looks on a background with the Hex color ACCB70.

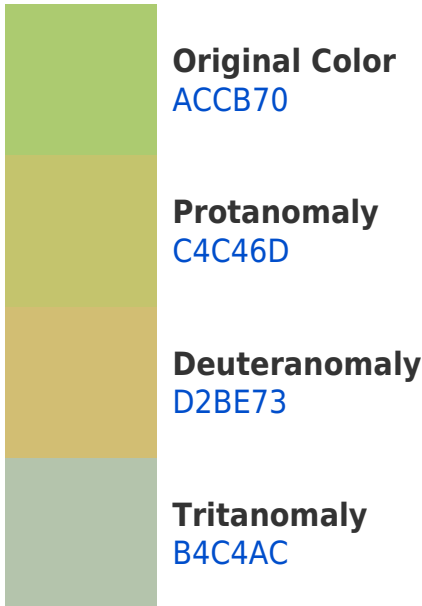
Color Blindness Simulation

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](#).

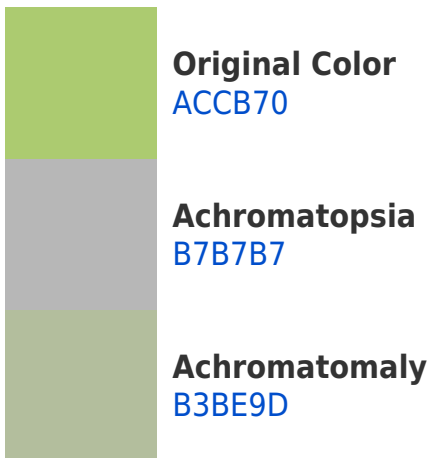
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACCB70 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 #ACCB70 looks like.

```
.text, #text, p{  
    color:#ACCB70  
}
```

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 #ACCB70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACCB70
}
```

Border

The CSS property to change the border of an element to Hex ACCB70 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
#ACCB70 }
```

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

```
.border{ border-color:#ACCB70 }
```

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

Here you see how a box with a 4 pixel #ACCB70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACCB70; -webkit-box-shadow:4px 4px  
4px 4px #ACCB70; box-shadow:4px 4px 4px  
4px #ACCB70 }
```

Background

The CSS property to change the background color of an element to Hex ACCB70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACCB70 }
```

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

```
.background{ background-color:#ACCB70 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor