

# Converting Colors

Hex(ACCB4D)

Have a look what the booklet for  
Hex(ACCB4D) contains.

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# Color

**Hex(ACCB4D)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | ACCB4D                      |
| RGB         | 172, 203, 77                |
| RGB Percent | 67%, 80%, 30%               |
| CMY         | 0.3255, 0.2039, 0.6980      |
| CMYK        | 0.15, 0.00, 0.62, 0.20      |
| HSL         | 75°, 55%, 55%               |
| HSV         | 75°, 62%, 80%               |
| XYZ         | 39.7087, 52.0183, 14.9689   |
| YIQ         | 179.3670, 21.9700, -45.7580 |

# Conversions

## Conversions Part 2

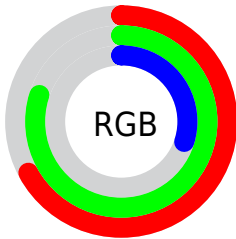
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 77, 203, 108                   |
| Decimal                             | 11324237                       |
| CIELab                              | 77.29, -28.34, 57.63           |
| CIELCh                              | 77, 64.216, 116.185            |
| Yxy                                 | 52.0183, 0.3722,<br>0.4875     |
| Android<br>(android.graphics.Color) | 4289514317<br>(0xFFACCB4D)     |
| YUV                                 | 179.3670, -50.4669,<br>-6.4609 |
| Hunter-Lab                          | 72.1237, -27.9409,<br>38.1813  |

# Details

The Hex color **ACCB4D** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **6C4DCB**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **E6FF83**, and **749510** is the 20% darker color. If you saturate the color by 10%, you get **A7CB39**, and if you desaturate by 10%, it is **B1CB61**.

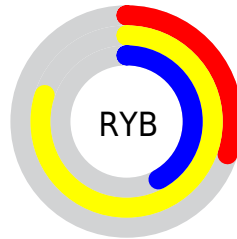
# Distribution



Red (67%)

Green (80%)

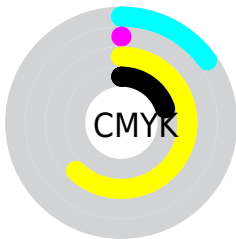
Blue (30%)



Red (30%)

Yellow (80%)

Blue (42%)

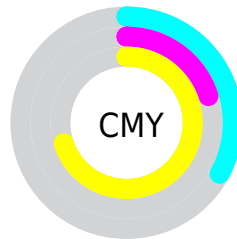


Cyan (15%)

Magenta (0%)

Yellow (62%)

Black (20%)



Cyan (33%)

Magenta (20%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACCB4D 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 ACCB4D by changing the saturation by 10% instead.



 ACCB4D

 ACCB4D

FFFFFF

 90B031

 E6FF83

 749510

 FFFF9E

 5A7B00

 FFFFBA

 3F6200

 FFFF7D

 244A00

 FFFF4

 043300

 002000

 000000

 ACCB4D

 ACCB4D

 A7CB39

 B1CB61

 A2CB24

 B6CB76

 9DCB10

 BBCB8A

 99CB00

 C0CB9E

 C5CBB3

 CACBC7

 CFCBDB

 D4CBEF

 D9CBFF

# Harmonies

## Analogous

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



E6B941



ACCB4D



5ED67A

# Triad

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



ACCB4D



00D6FF



FF8AC9

# Complementary

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



ACCB4D



6C4DCB

# 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.



FF9AFF



ACCB4D



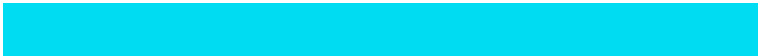
00C8FF

# Square

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



ACCB4D



00DCF2



B4B2FF



FF8F8E

# Rectangle

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



ACCB4D



00DAA0



B4B2FF



FF8DDD



# Sweetspot

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



ACCB4D



F3FFCF



CB6A4D



788062



000000



808080



# Same Dimension

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



ACCB4D



D1FF42



6FCB4D



63665C



7DA600



1D2600



# Inverse Universe

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



6C4DCB



7142FF



A94DCB



5E5C66



2900A6



090026



# Previews

## White Background



This preview shows how the Hex color ACCB4D looks on a white background.

## Color Contrast Check

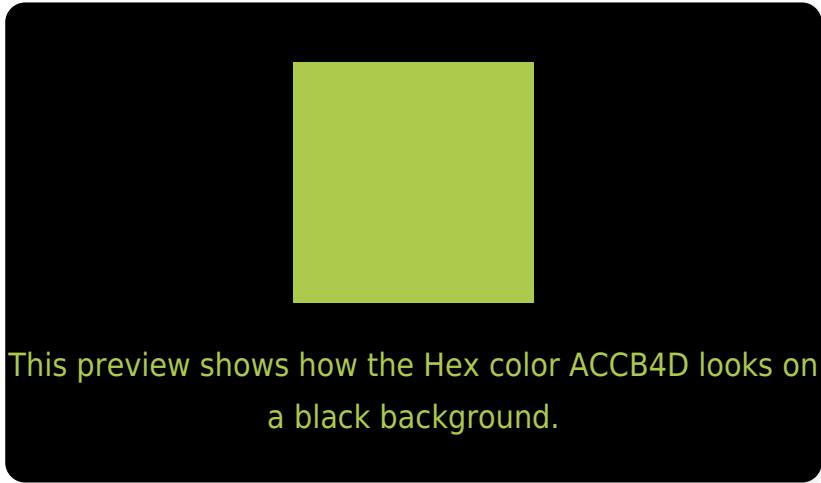
Large Text (above 18pt) WCAG AA × Fail

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 ACCB4D Background



This preview shows how black text looks on a background with the Hex color ACCB4D.

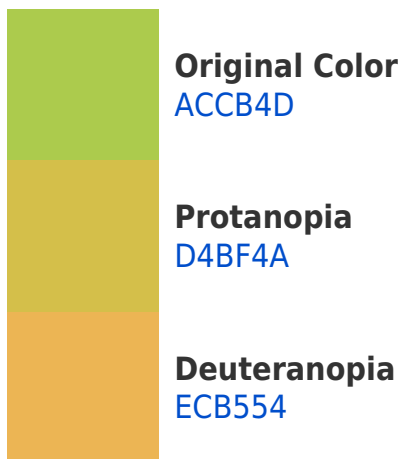


This preview shows how white text looks on a background with the Hex color ACCB4D.

# 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



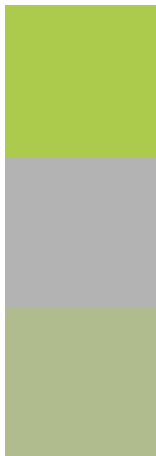
**Original Color**  
ACCB4D

**Protanomaly**  
C5C34B

**Deuteranomaly**  
D5BD51

**Tritanomaly**  
B5C39E

# Monochromacy



**Original Color**  
ACCB4D

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
B0BC8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACCB4D 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 #ACCB4D looks like.

```
.text, #text, p{  
    color:#ACCB4D  
}
```

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 #ACCB4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACCB4D
}
```

## Border

The CSS property to change the border of an element to Hex ACCB4D 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
#ACCB4D }
```

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

```
.border{ border-color:#ACCB4D }
```

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

Here you see how a box with a 4 pixel #ACCB4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACCB4D; -webkit-box-shadow:4px 4px  
4px 4px #ACCB4D; box-shadow:4px 4px 4px  
4px #ACCB4D }
```

# Background

The CSS property to change the background color of an element to Hex ACCB4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACCB4D }
```

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

```
.background{ background-color:#ACCB4D }
```

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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