

# Converting Colors

Hex(ACCA6E)

Have a look what the booklet for  
Hex(ACCA6E) contains.

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# Color

**Hex(ACCA6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACCA6E
RGB	172, 202, 110
RGB Percent	67%, 79%, 43%
CMY	0.3255, 0.2078, 0.5686
CMYK	0.15, 0.00, 0.46, 0.21
HSL	80°, 46%, 61%
HSV	80°, 46%, 79%
XYZ	40.9483, 52.1375, 22.6572
YIQ	182.5420, 11.6520, -34.9720

# Conversions

## Conversions Part 2

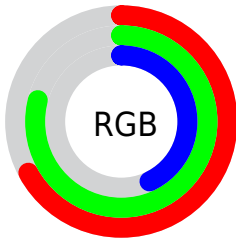
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 202, 140
Decimal	11324014
CIELab	77.36, -24.79, 42.45
CIELCh	77, 49.164, 120.286
Yxy	52.1375, 0.3538, 0.4505
Android (android.graphics.Color)	4289514094 (0xFFACCA6E)
YUV	182.5420, -35.7632, -9.2453
Hunter-Lab	72.2063, -25.1335, 31.9402

# Details

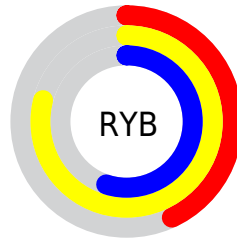
The Hex color **ACCA6E** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8C6ECA**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **E5FFA3**, and **76943B** is the 20% darker color. If you saturate the color by 10%, you get **A5CA5A**, and if you desaturate by 10%, it is **B3CA82**.

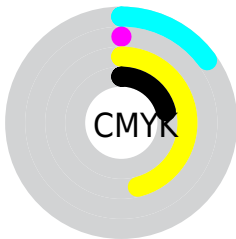
# Distribution



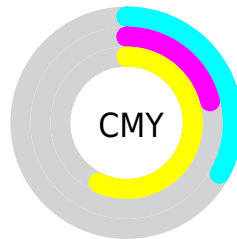
- Red (67%)
- Green (79%)
- Blue (43%)



- Red (43%)
- Yellow (79%)
- Blue (55%)



- Cyan (15%)
- Magenta (0%)
- Yellow (46%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACCA6E 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 ACCA6E by changing the saturation by 10% instead.



 ACCA6E

 ACCA6E

FFFFFF

 91AF54

 E5FFA3

 76943B

 FFFFBF

 5C7A22

 FFFFDB

 426104

 FFFFF8

 2A4900

 0F3200

 001F00

 000000

 ACCA6E

 ACCA6E

 A5CA5A

 B3CA82

 9FCA46

 B9CA96

 98CA31

 C0CAAB

 92CA1D

 C6CABF

 8BCA09

 CDCAD3

 88CA00

 D4CAE7

 DACAFB

 E1CAFF

 E7CAFF

# Harmonies

## Analogous

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



DBBD62



ACCA6E



73D390

# Triad

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



ACCA6E



00D0FF



FF9AC0

# Complementary

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



ACCA6E



8C6ECA

# 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.



F8A3ED



ACCA6E



75C4FF

# Square

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



ACCA6E



00D6EC



C3B3FF



FF9E94

# Rectangle

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



ACCA6E



3FD6AE



C3B3FF



FF9BD0



# Sweetspot

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



ACCA6E



F3FFDB



CA8B6E



78806A



000000



808080



# Same Dimension

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



ACCA6E



D1FF73



7FCA6E



63665C



70A600



1A2600



# Inverse Universe

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



8C6ECA



A073FF



B96ECA



5F5C66



3600A6



0C0026



# Previews

## White Background



This preview shows how the Hex color ACCA6E looks on a white background.

## Color Contrast Check

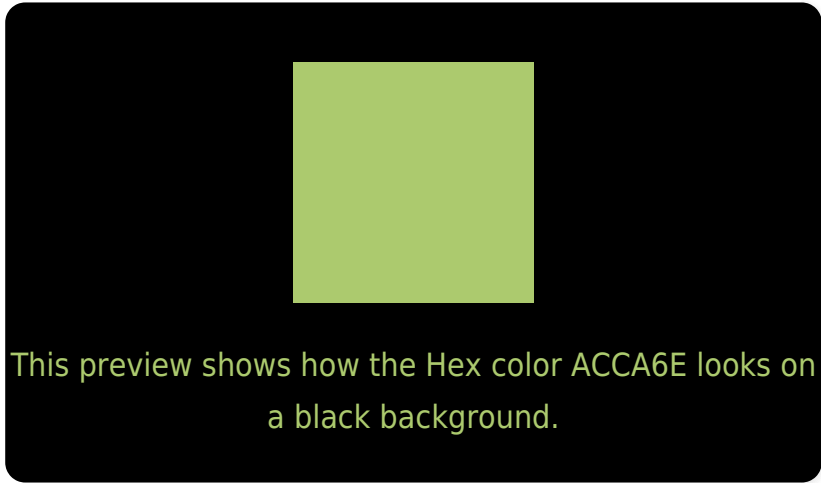
Large Text (above 18pt) WCAG AA × Fail

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 ACCA6E Background



This preview shows how black text looks on a background with the Hex color ACCA6E.

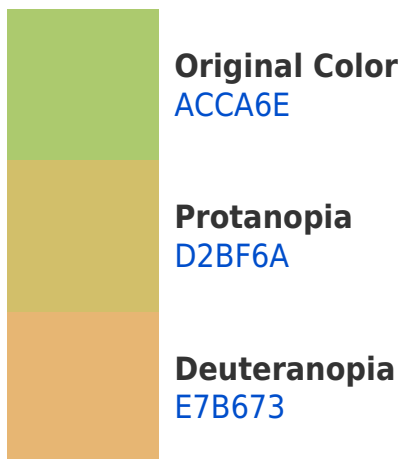


This preview shows how white text looks on a background with the Hex color ACCA6E.

# 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](#).

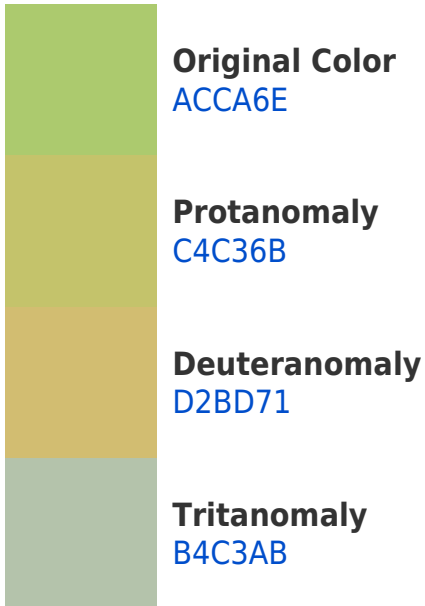
## Dichromacy





**Tritanopia**  
B8BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACCA6E 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 #ACCA6E looks like.

```
.text, #text, p{  
    color:#ACCA6E  
}
```

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 #ACCA6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACCA6E
}
```

## Border

The CSS property to change the border of an element to Hex ACCA6E 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
#ACCA6E }
```

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

```
.border{ border-color:#ACCA6E }
```

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

Here you see how a box with a 4 pixel #ACCA6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACCA6E; -webkit-box-shadow:4px 4px  
4px 4px #ACCA6E; box-shadow:4px 4px 4px  
4px #ACCA6E }
```

# Background

The CSS property to change the background color of an element to Hex ACCA6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACCA6E }
```

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

```
.background{ background-color:#ACCA6E }
```

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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