

# Converting Colors

Hex(AAC76B)

Have a look what the booklet for  
Hex(AAC76B) contains.

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# **Color**

**Hex(AAC76B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAC76B
RGB	170, 199, 107
RGB Percent	67%, 78%, 42%
CMY	0.3333, 0.2196, 0.5804
CMYK	0.15, 0.00, 0.46, 0.22
HSL	79°, 45%, 60%
HSV	79°, 46%, 78%
XYZ	39.6548, 50.4544, 21.5586
YIQ	179.8410, 12.2480, -34.7600

# Conversions

## Conversions Part 2

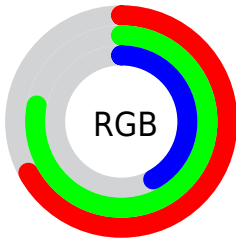
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 199, 136
Decimal	11192171
CIELab	76.35, -24.44, 42.65
CIELCh	76, 49.154, 119.809
Yxy	50.4544, 0.3551, 0.4518
Android (android.graphics.Color)	4289382251 (0xFFAAC76B)
YUV	179.8410, -35.9106, -8.6306
Hunter-Lab	71.0313, -24.6531, 31.7269

# Details

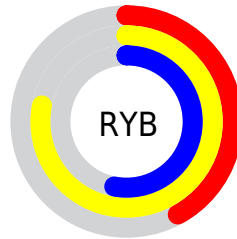
The Hex color **AAC76B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **886BC7**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **E3FFA0**, and **749138** is the 20% darker color. If you saturate the color by 10%, you get **A4C757**, and if you desaturate by 10%, it is **B0C77F**.

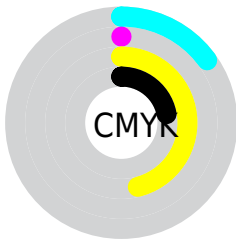
# Distribution



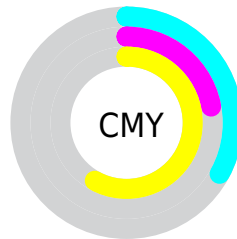
- Red (67%)
- Green (78%)
- Blue (42%)



- Red (42%)
- Yellow (78%)
- Blue (53%)



- Cyan (15%)
- Magenta (0%)
- Yellow (46%)
- Black (22%)



- Cyan (33%)
- Magenta (22%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAC76B 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 AAC76B by changing the saturation by 10% instead.



 AAC76B

 AAC76B

FFFFFF

 8FAC51

 E3FFA0

 749138

 FFFFBC

 5A771F

 FFFF80

 415E01

 FFFF50

 284700

 0D3000

 001D00

 000000

 AAC76B

 AAC76B

 A4C757

 B0C77F

 9DC743

 B7C793

 97C72F

 BDC7A7

 91C71B

 C3C7BB

 8BC708

 C9C7CF

 88C700

 D0C7E2

 D6C7F6

 DCC7FF

 E2C7FF

# Harmonies

## Analogous

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



D8BA5F



AAC76B



72D08D

# Triad

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



AAC76B



00CDFE



FF97BE

# Complementary

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



AAC76B



886BC7

# 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.



F4A0EB



AAC76B



70C1FF

# Square

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



AAC76B



00D3E8



C0B1FF



FF9B92

# Rectangle

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



AAC76B



3DD3AB



C0B1FF



FF99CE



# Sweetspot

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



AAC76B



F4FFDB



C7876B



79806A



000000



808080



# Same Dimension

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



AAC76B



D3FF73



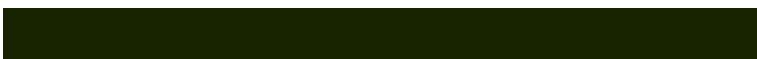
7DC76B



60635A



70A300



182400



# Inverse Universe

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



886BC7



9F73FF



B56BC7



5D5A63



3300A3



0B0024



# Previews

## White Background



This preview shows how the Hex color AAC76B looks on a white background.

## Color Contrast Check

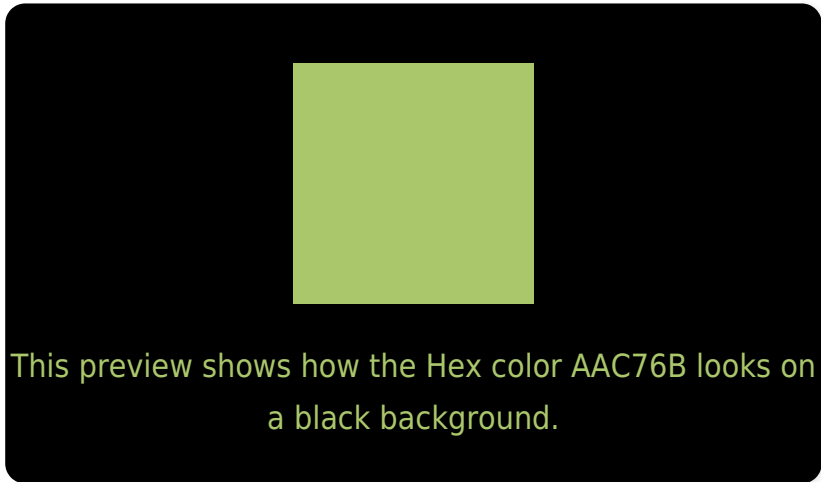
Large Text (above 18pt) WCAG AA × Fail

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

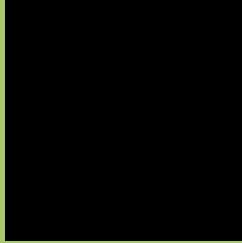
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AAC76B Background



This preview shows how black text looks on a background with the Hex color AAC76B.

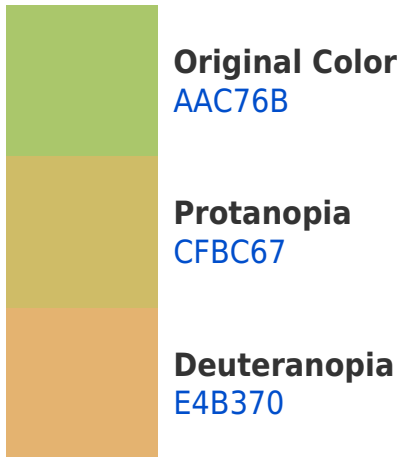


This preview shows how white text looks on a background with the Hex color AAC76B.

# Color Blindness Simulation

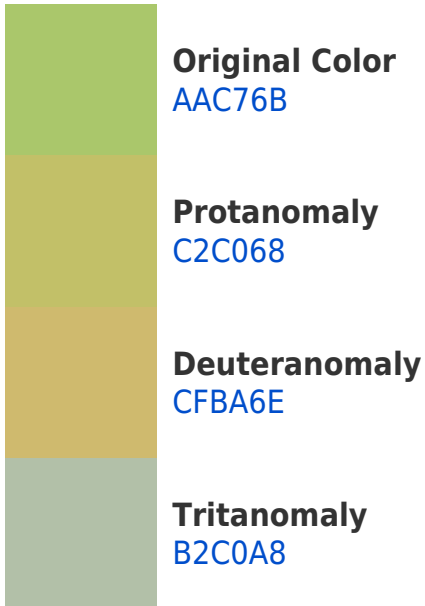
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

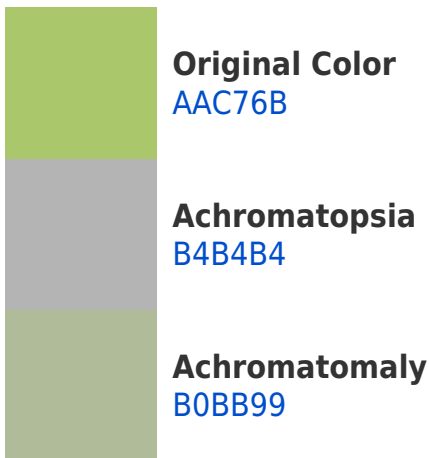




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAC76B 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 #AAC76B looks like.

```
.text, #text, p{  
    color:#AAC76B  
}
```

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 #AAC76B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAC76B
}
```

## Border

The CSS property to change the border of an element to Hex AAC76B 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
#AAC76B }
```

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

```
.border{ border-color:#AAC76B }
```

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

Here you see how a box with a 4 pixel #AAC76B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAC76B; -webkit-box-shadow:4px 4px  
4px 4px #AAC76B; box-shadow:4px 4px 4px  
4px #AAC76B }
```

# Background

The CSS property to change the background color of an element to Hex AAC76B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAC76B }
```

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

```
.background{ background-color:#AAC76B }
```

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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