

# Converting Colors

Hex(AABE6D)

Have a look what the booklet for  
Hex(AABE6D) contains.

<b>Hex(AABE6D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(AABE6D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AABE6D
RGB	170, 190, 109
RGB Percent	67%, 75%, 43%
CMY	0.3333, 0.2549, 0.5725
CMYK	0.11, 0.00, 0.43, 0.25
HSL	75°, 38%, 59%
HSV	75°, 43%, 75%
XYZ	37.7513, 46.4771, 21.4493
YIQ	174.7860, 14.0810, -29.4310

# Conversions

## Conversions Part 2

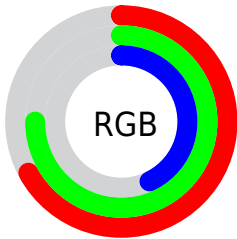
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 190, 129
Decimal	11189869
CIELab	73.85, -19.76, 38.55
CIELCh	74, 43.321, 117.145
Yxy	46.4771, 0.3572, 0.4398
Android (android.graphics.Color)	4289379949 (0xFFAABE6D)
YUV	174.7860, -32.4325, -4.1973
Hunter-Lab	68.1741, -20.4605, 29.0678

# Details

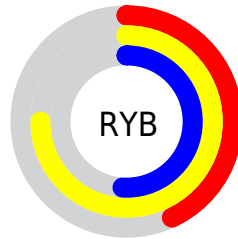
The Hex color **AABE6D** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **816DBE**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **E2F6A2**, and **74893B** is the 20% darker color. If you saturate the color by 10%, you get **A5BE5A**, and if you desaturate by 10%, it is **AFBE80**.

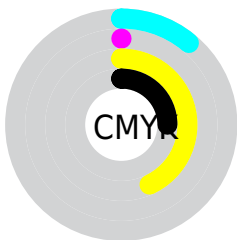
# Distribution



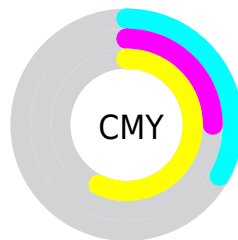
- Red (67%)
- Green (75%)
- Blue (43%)



- Red (43%)
- Yellow (75%)
- Blue (51%)



- Cyan (11%)
- Magenta (0%)
- Yellow (43%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AABE6D 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 AABE6D by changing the saturation by 10% instead.



 AABE6D

 AABE6D

FFFFFF

 8FA354

 E2F6A2

 74893B

 FFFFBD

 5B6F23

 FFFF9D

 425708

 FFFFF6

 2A3F00

 112900

 001600

 000000

 AABE6D

 AABE6D

 A5BE5A

 AFBE80

 A1BE47

 B3BE93

 9CBE34

 B8BEA6

 97BE21

 BDBEB9

 93BE0E

 C1BECC

 8FBE00

 C6BEDF

 CBBEF2

 D0BEFF

 D4BEFF

# Harmonies

## Analogous

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



D2B265



AABE6D



7AC689

# Triad

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



AABE6D



00C5F7



FE96BB

# Complementary

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



AABE6D



816DBE

# 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.



E49EE1



AABE6D



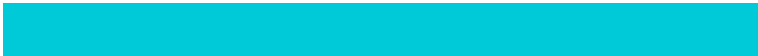
71BBFF

# Square

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



AABE6D



00CAD8



B4ADFC



FF9993

# Rectangle

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



AABE6D



55C9A2



B4ADFC



F898C8



# Sweetspot

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



AABE6D



EFF7D7



BE806D



787D69



FCFCFC



7D7D7D



# Same Dimension

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



AABE6D



D8F779



83BE6D



5C5E55



779E00



171F00



# Inverse Universe

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



816DBE



9879F7



A86DBE



57555E



27009E



08001F



# Previews

## White Background



This preview shows how the Hex color AABE6D looks on a white background.

## Color Contrast Check

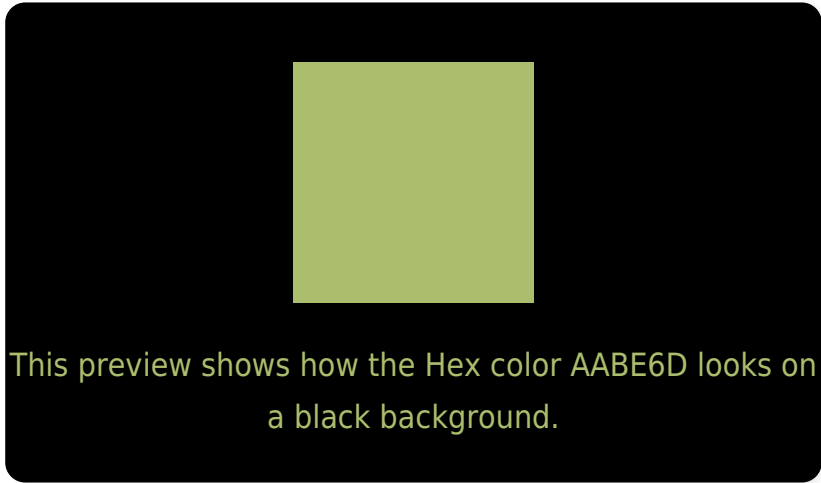
Large Text (above 18pt) WCAG AA × Fail

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 AABE6D Background



This preview shows how black text looks on a background with the Hex color AABE6D.

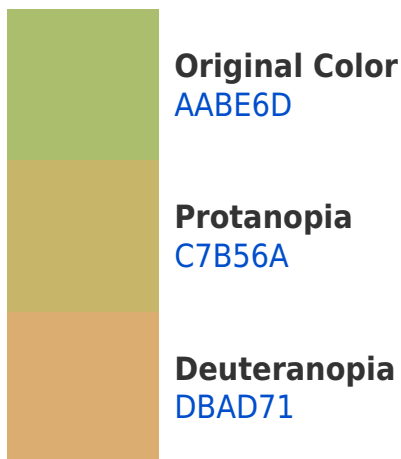


This preview shows how white text looks on a background with the Hex color AABE6D.

# 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](#).

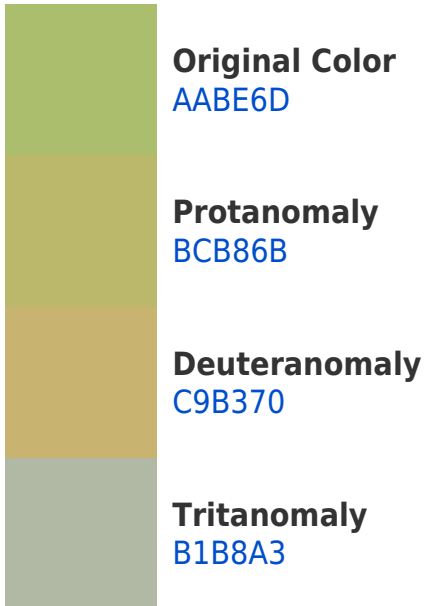
## Dichromacy



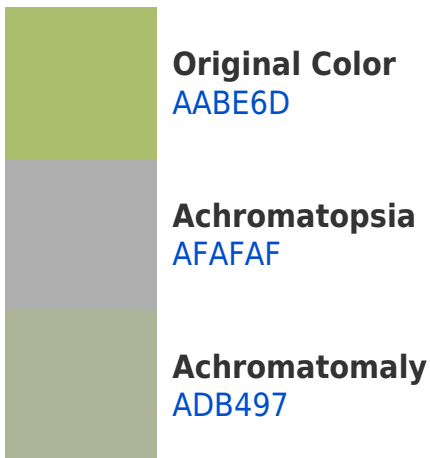


**Tritanopia**  
B5B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AABE6D 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 #AABE6D looks like.

```
.text, #text, p{  
    color:#AABE6D  
}
```

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 #AABE6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AABE6D }  
}
```

## Border

The CSS property to change the border of an element to Hex AABE6D 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 #AABE6D }  
}
```

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

```
.border{ border-color:#AABE6D }
```

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

Here you see how a box with a 4 pixel #AABE6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AABE6D; -webkit-box-shadow:4px 4px  
4px 4px #AABE6D; box-shadow:4px 4px 4px  
4px #AABE6D }
```

# Background

The CSS property to change the background color of an element to Hex AABE6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AABE6D }
```

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

```
.background{ background-color:#AABE6D }
```

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