

# Converting Colors

Hex(AABF00)

Have a look what the booklet for  
Hex(AABF00) contains.

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**Color**

**Hex(AABF00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AABF00
RGB	170, 191, 0
RGB Percent	67%, 75%, 0%
CMY	0.3333, 0.2510, 1.0000
CMYK	0.11, 0.00, 1.00, 0.25
HSL	67°, 100%, 37%
HSV	67°, 100%, 75%
XYZ	35.2084, 45.8077, 6.9861
YIQ	162.9470, 48.7950, -63.8530

# Conversions

## Conversions Part 2

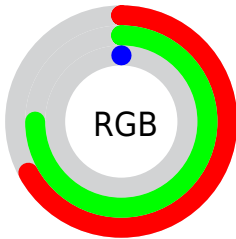
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 191, 21
Decimal	11190016
CIELab	73.42, -26.34, 74.11
CIELCh	73, 78.649, 109.568
Yxy	45.8077, 0.4001, 0.5205
Android (android.graphics.Color)	4289380096 (0xFFAABF00)
YUV	162.9470, -80.3329, 6.1855
Hunter-Lab	67.6813, -25.5853, 41.2570

# Details

The Hex color **AABF00** is a dark color, and the websafe version is hex **CCCC00**. A complement of this color would be **1500BF**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E5F751**, and **718A00** is the 20% darker color. If you saturate the color by 10%, you get **AABF00**, and if you desaturate by 10%, it is **ACBF13**.

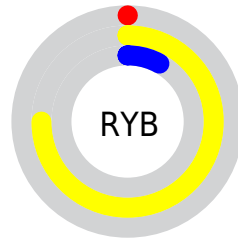
# Distribution



Red (67%)

Green (75%)

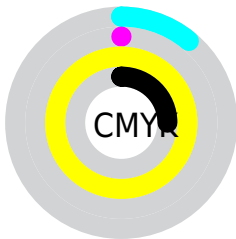
Blue (0%)



Red (0%)

Yellow (75%)

Blue (8%)

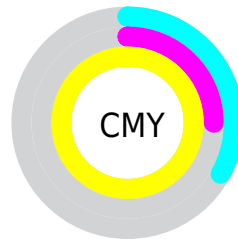


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (33%)

Magenta (25%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AABF00 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 AABF00 by changing the saturation by 10% instead.



 AABF00

 AABF00

FFFFFF

 8DA400

 E5F751

 718A00

 FFFF6E

 567000

 FFFF8B

 395800

 FFFFA7

 1D4000

 FFFFC4

 002A00

 FFFFE1

 001400

 000000

 AABF00

 ACBF13

 AEBF26

 B0BF39

 B2BF4C

 B4BF60

 B7BF73

 B9BF86

 BBBF99

 BDBFAC

# Harmonies

## Analogous

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



ECA800



AABF00



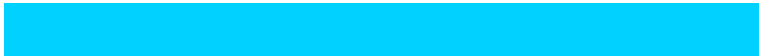
4CCD4F

# Triad

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



AABF00



00D1FF



FF6ED1

# Complementary

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



AABF00



1500BF

# 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.



F28BFF



AABF00



00C4FF

# Square

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



AABF00



00D6E3



7EACFF



FF6E88

# Rectangle

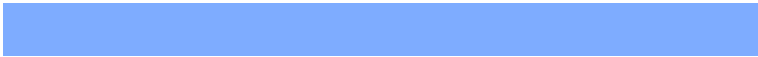
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AABF00



00D27F



7EACFF



FF76E8



# Sweetspot

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



AABF00



EFF7AD



BF1300



787D50



FCFCFC



7D7D7D



# Same Dimension

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



AABF00



DCF700



4CBF00



5D5E55



8D9E00



1B1F00



# Inverse Universe

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



1500BF



1B00F7



7300BF



56555E



11009E



03001F



# Previews

## White Background



This preview shows how the Hex color AABF00 looks on a white background.

## Color Contrast Check

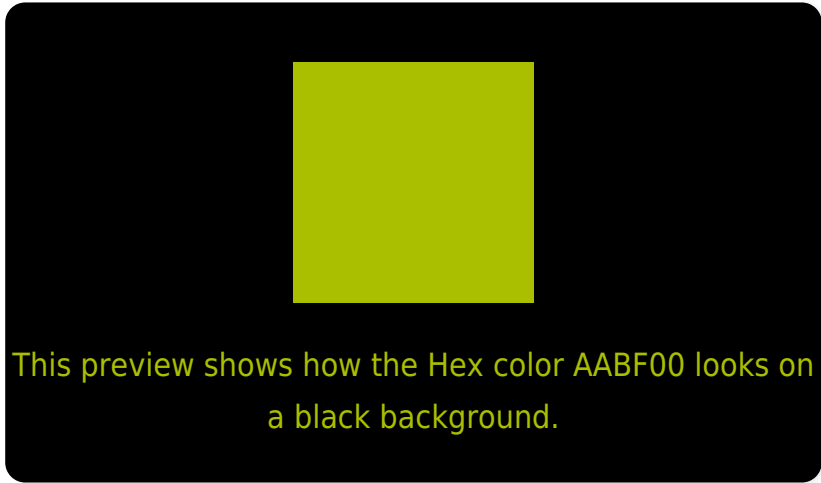
Large Text (above 18pt) WCAG AA × Fail

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 AABF00 Background



This preview shows how black text looks on a background with the Hex color AABF00.

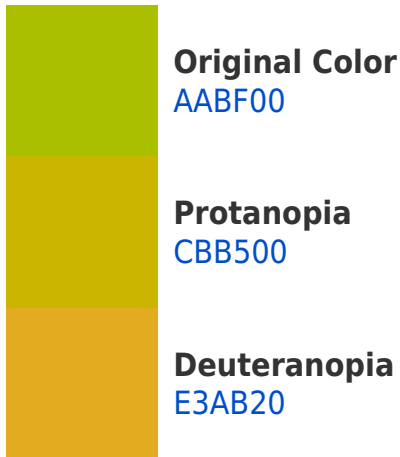


This preview shows how white text looks on a background with the Hex color AABF00.

# 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](#).

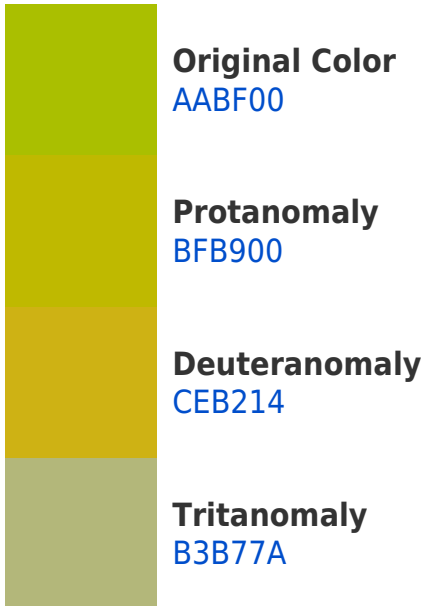
## Dichromacy



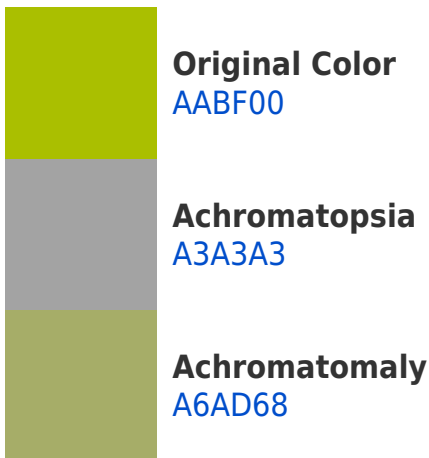


**Tritanopia**  
B8B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AABF00 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 #AABF00 looks like.

```
.text, #text, p{  
    color:#AABF00  
}
```

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 #AABF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AABF00
}
```

## Border

The CSS property to change the border of an element to Hex AABF00 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
#AABF00 }
```

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

```
.border{ border-color:#AABF00 }
```

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

Here you see how a box with a 4 pixel #AABF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AABF00; -webkit-box-shadow:4px 4px  
4px 4px #AABF00; box-shadow:4px 4px 4px  
4px #AABF00 }
```

# Background

The CSS property to change the background color of an element to Hex AABF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AABF00 }
```

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

```
.background{ background-color:#AABF00 }
```

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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