

Converting Colors

Hex(AAB00C)

Have a look what the booklet for
Hex(AAB00C) contains.

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Color

Hex(AAB00C)

Conversions

Conversions Part 1

Format	Color
Hex	AAB00C
RGB	170, 176, 12
RGB Percent	67%, 69%, 5%
CMY	0.3333, 0.3098, 0.9529
CMYK	0.03, 0.00, 0.93, 0.31
HSL	62°, 87%, 37%
HSV	62°, 93%, 69%
XYZ	32.1693, 39.6233, 6.3004
YIQ	155.5100, 49.0680, -52.2760

Conversions

Conversions Part 2

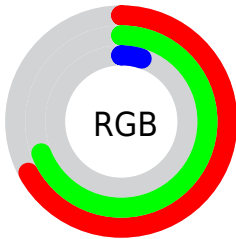
Format	Color
RYB	12, 176, 18
Decimal	11186188
CIELab	69.20, -18.80, 69.54
CIElCh	69, 72.035, 105.124
Yxy	39.6233, 0.4119, 0.5074
Android (android.graphics.Color)	4289376268 (0xFFAAB00C)
YUV	155.5100, -70.7504, 12.7077
Hunter-Lab	62.9470, -18.9343, 38.1286

Details

The Hex color **AAB00C** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **120CB0**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E5E752**, and **717C00** is the 20% darker color. If you saturate the color by 10%, you get **AAB000**, and if you desaturate by 10%, it is **ABB01E**.

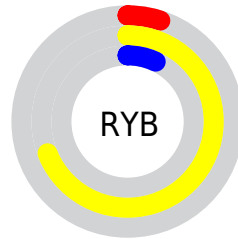
Distribution



Red (67%)

Green (69%)

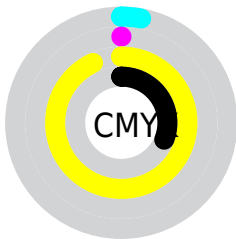
Blue (5%)



Red (5%)

Yellow (69%)

Blue (7%)

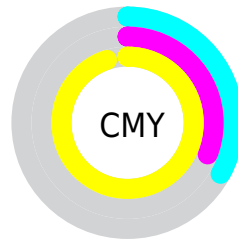


Cyan (3%)

Magenta (0%)

Yellow (93%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAB00C 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 AAB00C by changing the saturation by 10% instead.


 AAB00C

 AAB00C

FFFFFF

 8D9500

 E5E752

 717C00

 FFFF6E

 566300

 FFFF8A

 3B4B00

 FFFFA6

 213500

 FFFFC3

 022000

 FFFFEO

 000000

FFFFFFE

 AAB00C

 AAB00C

 AAB000

 ABB01E

 ABB02F

 ACB041

 ADB052

 ADB064

 AEB076

 AFB087

 AFB099

 B0B0AA

Harmonies

Analogous

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



E49A19



AAB00C



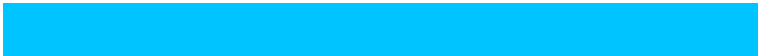
5DBE45

Triad

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



AAB00C



00C4FF



FF6ECC

Complementary

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



AAB00C



120CB0

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.



D688FF



AAB00C



00BAFF

Square

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



AAB00C



00C8C9



61A5FF



FF698B

Rectangle

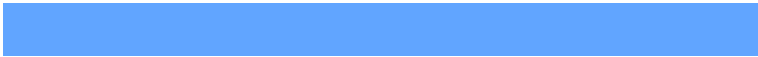
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AAB00C



00C46F



61A5FF



FF75E1

Sweetspot

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



AAB00C



E3E6A5



B0110C



71734C



F2F2F2



737373

Same Dimension

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



AAB00C



DDE600



59B00C



595950



939900



191A00

Inverse Universe

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



120CB0



0800E6



630CB0



515059



060099



01001A

Previews

White Background



This preview shows how the Hex color AAB00C looks on a white background.

Color Contrast Check

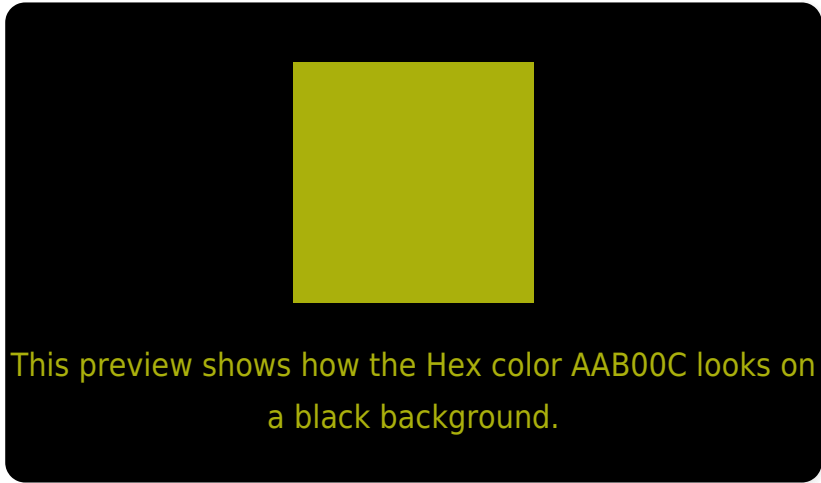
Large Text (above 18pt) WCAG AA × Fail

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 AAB00C Background



This preview shows how black text looks on a background with the Hex color AAB00C.



This preview shows how white text looks on a background with the Hex color AAB00C.

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



Original Color
AAB00C

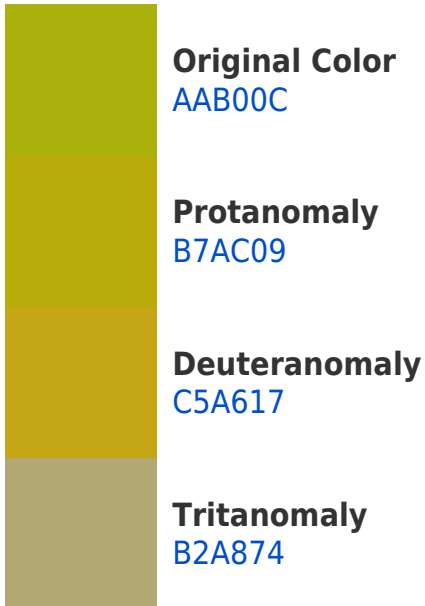
Protanopia
BEA907

Deuteranopia
D5A01E



Tritanopia
B6A4B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAB00C 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 #AAB00C looks like.

```
.text, #text, p{  
    color:#AAB00C  
}
```

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 #AAB00C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAB00C
}
```

Border

The CSS property to change the border of an element to Hex AAB00C 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
#AAB00C }
```

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

```
.border{ border-color:#AAB00C }
```

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

Here you see how a box with a 4 pixel #AAB00C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAB00C; -webkit-box-shadow:4px 4px  
4px 4px #AAB00C; box-shadow:4px 4px 4px  
4px #AAB00C }
```

Background

The CSS property to change the background color of an element to Hex AAB00C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAB00C }
```

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

```
.background{ background-color:#AAB00C }
```

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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