

Converting Colors

Hex(AAAA02)

Have a look what the booklet for
Hex(AAAA02) contains.

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Color

Hex(AAAA02)

Conversions

Conversions Part 1

Format	Color
Hex	AAAA02
RGB	170, 170, 2
RGB Percent	67%, 67%, 1%
CMY	0.3333, 0.3333, 0.9922
CMYK	0.00, 0.00, 0.99, 0.33
HSL	60°, 98%, 34%
HSV	60°, 99%, 67%
XYZ	30.9632, 37.2999, 5.6251
YIQ	150.8480, 53.9280, -52.2480

Conversions

Conversions Part 2

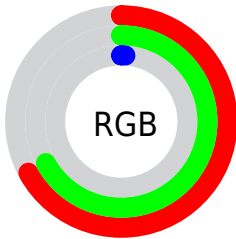
Format	Color
R _Y B	2, 170, 2
Decimal	11184642
CIE Lab	67.50, -15.88, 69.48
CIE LCh	68, 71.272, 102.876
Yxy	37.2999, 0.4191, 0.5048
Android (android.graphics.Color)	4289374722 (0xFFAAAA02)
YUV	150.8480, -73.3821, 16.7963
Hunter-Lab	61.0736, -16.3825, 37.2907

Details

The Hex color **AAAA02** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0202AA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **E5E14D**, and **717600** is the 20% darker color. If you saturate the color by 10%, you get **AAAA00**, and if you desaturate by 10%, it is **AAAA13**.

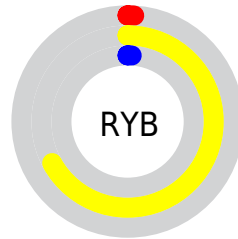
Distribution



Red (67%)

Green (67%)

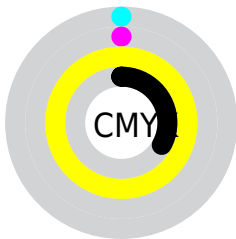
Blue (1%)



Red (1%)

Yellow (67%)

Blue (1%)

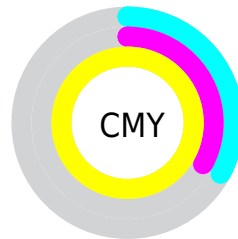


Cyan (0%)

Magenta (0%)

Yellow (99%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAAA02 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 AAAA02 by changing the saturation by 10% instead.

■ AAAA02

■ AAAA02

FFFFFF

■ 8D9000

■ E5E14D

■ 717600

■ FFFE6A

■ 565E00

■ FFFF86

■ 3B4600

■ FFFFA2

■ 213000

■ FFFFBE

■ 011C00

■ FFFFDB

■ 000000

■ FFFFF9

■ AAAA02

■ AAAA02

■ AAAA00

■ AAAA13

■ AAAA24

■ AAAA35

■ AAAA46

■ AAAA57

■ AAAA68

■ AAAA79

■ AAAA8A

■ AAAA9B

Harmonies

Analogous

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



E2941A



AAAA02



61B83E

Triad

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



AAAA02



00C0FB



FF6BCC

Complementary

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



AAAA02



0202AA

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.



CA87FF



AAAA02



00B6FF

Square

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



AAAA02



00C2BF



4DA2FF



FF648B

Rectangle

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



AAAA02



00BE66



4DA2FF



F673E0

Sweetspot

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



AAAA02



DEDE9B



AA0202



707048



F0F0F0



707070

Same Dimension

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



AAAA02



DEDE00



56AA02



54544C



949400



141400

Inverse Universe

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



0202AA



0000DE



5602AA



4C4C54



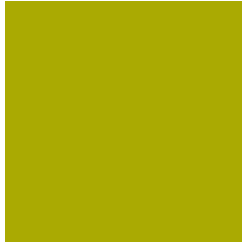
000094



000014

Previews

White Background



This preview shows how the Hex color #AAAA02 looks on a white background.

Color Contrast Check

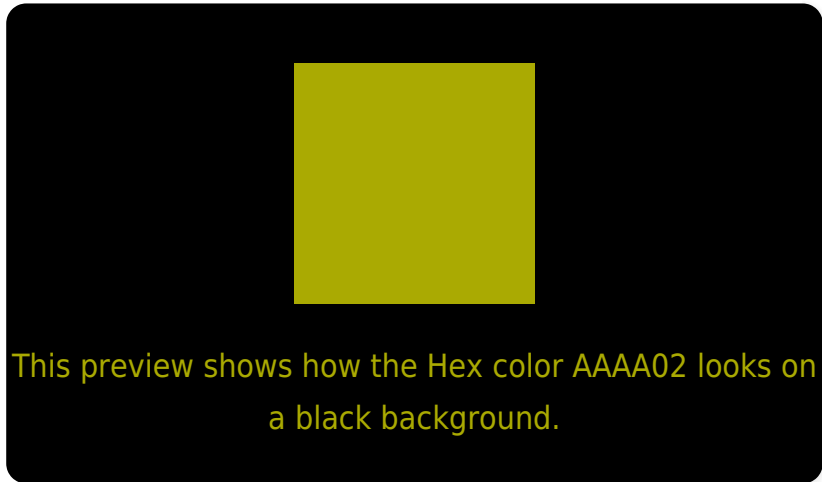
Large Text (above 18pt) WCAG AA × Fail

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 AAAA02 Background



This preview shows how black text looks on a background with the Hex color AAAA02.



This preview shows how white text looks on a background with the Hex color AAAA02.

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
AAAA02

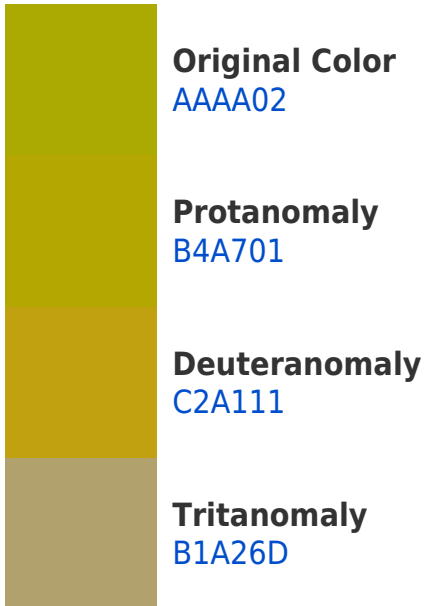
Protanopia
B9A500

Deuteranopia
CF9C1A

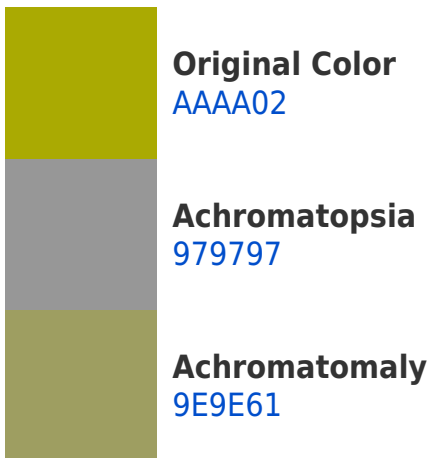


Tritanopia
B59EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAAA02 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 #AAAA02 looks like.

```
.text, #text, p{  
    color:#AAAA02  
}
```

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 #AAAA02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAAA02  
}
```

Border

The CSS property to change the border of an element to Hex AAAA02 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  
#AAAA02 }
```

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

```
.border{ border-color:#AAAA02 }
```

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

Here you see how a box with a 4 pixel #AAAA02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAAA02; -webkit-box-shadow:4px 4px  
4px 4px #AAAA02; box-shadow:4px 4px 4px  
4px #AAAA02 }
```

Background

The CSS property to change the background color of an element to Hex AAAAA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAAA02 }
```

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

```
.background{ background-color:#AAAA02 }
```

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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