

Converting Colors

Hex(AAA402)

Have a look what the booklet for
Hex(AAA402) contains.

Hex(AAA402)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AAA402)

Conversions

Conversions Part 1

Format	Color
Hex	AAA402
RGB	170, 164, 2
RGB Percent	67%, 64%, 1%
CMY	0.3333, 0.3569, 0.9922
CMYK	0.00, 0.04, 0.99, 0.33
HSL	58°, 98%, 34%
HSV	58°, 99%, 67%
XYZ	29.8640, 35.1013, 5.2587
YIQ	147.3260, 55.5780, -49.1100

Conversions

Conversions Part 2

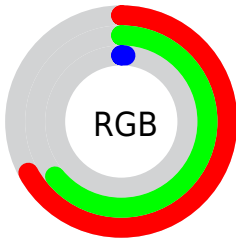
Format	Color
RYB	8, 170, 2
Decimal	11183106
CIELab	65.83, -12.79, 68.25
CIELCh	66, 69.435, 100.612
Yxy	35.1013, 0.4253, 0.4998
Android (android.graphics.Color)	4289373186 (0xFFAAA402)
YUV	147.3260, -71.6457, 19.8851
Hunter-Lab	59.2464, -13.7057, 36.2099

Details

The Hex color **AAA402** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0208AA**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **E5DB4C**, and **717100** is the 20% darker color. If you saturate the color by 10%, you get **AAA400**, and if you desaturate by 10%, it is **AAA513**.

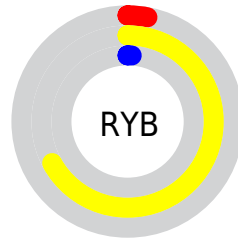
Distribution



Red (67%)

Green (64%)

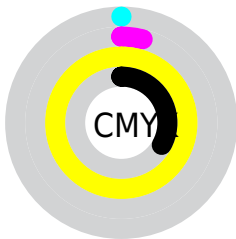
Blue (1%)



Red (3%)

Yellow (67%)

Blue (1%)

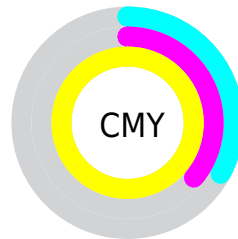


Cyan (0%)

Magenta (4%)

Yellow (99%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAA402 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 AAA402 by changing the saturation by 10% instead.

■ AAA402

■ AAA402

FFFFFF

■ 8D8A00

■ E5DB4C

■ 717100

■ FFF768

■ 565800

■ FFFF84

■ 3B4100

■ FFFFA0

■ 222B00

■ FFFFBD

■ 001800

■ FFFFD9

■ 000000

■ FFFFF7

■ AAA402

■ AAA402

■ AAA400

■ AAA513

■ AAA524

■ AAA635

■ AAA646

■ AAA757

■ AAA868

■ AAA879

■ AAA98A

■ AAA99B

Harmonies

Analogous

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



DF8E1E



AAA402



65B338

Triad

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



AAA402



00BBF0



FB6ACB

Complementary

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



AAA402



0208AA

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.



BF85FF



AAA402



00B2FF

Square

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



AAA402



00BDB5



39A0FF



FF618C

Rectangle

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



AAA402



00B85F



39A0FF



EB72DE

Sweetspot

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



AAA402



DEDB9B



AA020A



706F48



F0F0F0



707070

Same Dimension

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



AAA402



DED600



5EAA02



54544C



948F00



141400

Inverse Universe

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



0208AA



0008DE



4E02AA



4C4C54



000594



000114

Previews

White Background



This preview shows how the Hex color AAA402 looks on a white background.

Color Contrast Check

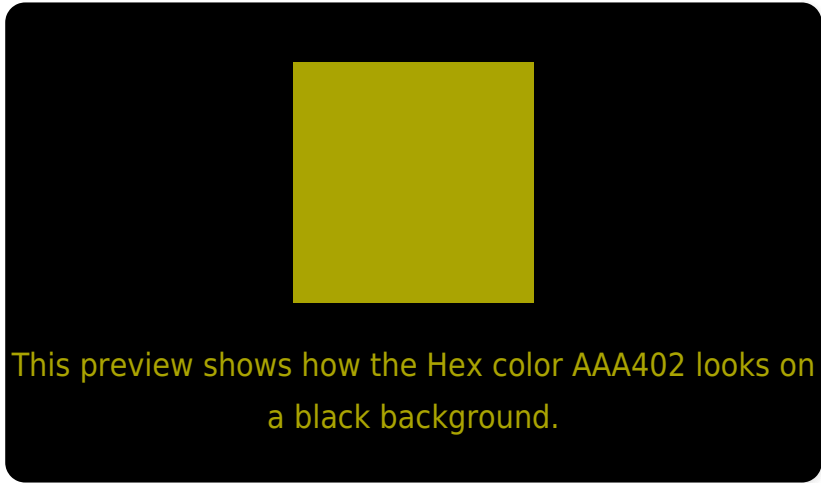
Large Text (above 18pt) WCAG AA × Fail

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 AAA402 Background



This preview shows how black text looks on a background with the Hex color AAA402.



This preview shows how white text looks on a background with the Hex color AAA402.

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
AAA402

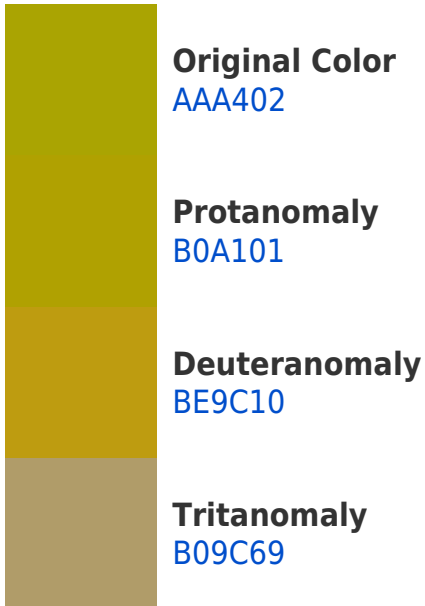
Protanopia
B4A000

Deuteranopia
CA9818

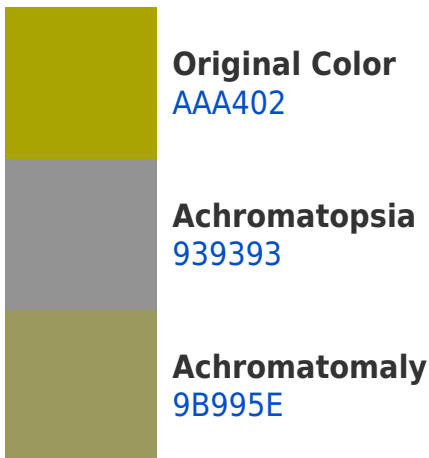


Tritanopia
B498A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAA402 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 #AAA402 looks like.

```
.text, #text, p{  
    color:#AAA402  
}
```

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 #AAA402 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA402
}
```

Border

The CSS property to change the border of an element to Hex AAA402 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
#AAA402 }
```

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

```
.border{ border-color:#AAA402 }
```

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

Here you see how a box with a 4 pixel #AAA402 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA402; -webkit-box-shadow:4px 4px  
4px 4px #AAA402; box-shadow:4px 4px 4px  
4px #AAA402 }
```

Background

The CSS property to change the background color of an element to Hex AAA402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA402 }
```

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

```
.background{ background-color:#AAA402 }
```

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