

Converting Colors

Hex(AA420A)

Have a look what the booklet for
Hex(AA420A) contains.

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Color

Hex(AA420A)

Conversions

Conversions Part 1

Format	Color
Hex	AA420A
RGB	170, 66, 10
RGB Percent	67%, 26%, 4%
CMY	0.3333, 0.7412, 0.9608
CMYK	0.00, 0.61, 0.94, 0.33
HSL	21°, 89%, 35%
HSV	21°, 94%, 67%
XYZ	18.5806, 12.4644, 1.7137
YIQ	90.7120, 79.9600, 4.6320

Conversions

Conversions Part 2

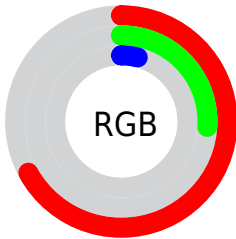
Format	Color
R _Y B	170, 96, 10
Decimal	11158026
CIE Lab	41.94, 40.42, 49.78
CIE LCh	42, 64.129, 50.924
Yxy	12.4644, 0.5672, 0.3805
Android (android.graphics.Color)	4289348106 (0xFFAA420A)
YUV	90.7120, -39.7910, 69.5356
Hunter-Lab	35.3049, 32.1587, 21.8355

Details

The Hex color **AA420A** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0A72AA**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **E8763E**, and **6E0A00** is the 20% darker color. If you saturate the color by 10%, you get **AA3C00**, and if you desaturate by 10%, it is **AA4D1B**.

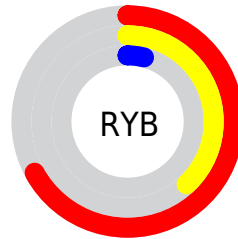
Distribution



Red (67%)

Green (26%)

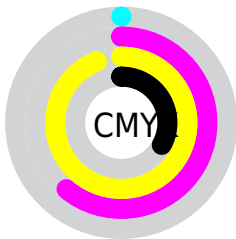
Blue (4%)



Red (67%)

Yellow (38%)

Blue (4%)

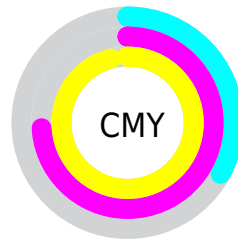


Cyan (0%)

Magenta (61%)

Yellow (94%)

Black (33%)



Cyan (33%)

Magenta (74%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA420A 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 AA420A by changing the saturation by 10% instead.

 AA420A

 AA420A

 FFFFFA

 8C2800

 E8763E

 6E0A00

 FF9057

 500000

 FFAB70

 360001

 FFC78A

 0E0000

 FFE4A5

 000000

 FFFF C1

 FFFF DD

 AA420A

 AA420A

■ AA3C00

■ AA4D1B

■ AA582C

■ AA633D

■ AA6E4E

■ AA795F

■ AA8470

■ AA8F81

■ AA9A92

■ AAA5A3

Harmonies

Analogous

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



BD2441



AA420A



865B00

Triad

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



AA420A



007951



315CC7

Complementary

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



AA420A



0A72AA

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.



006ECC



AA420A



007A87

Square

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



AA420A



007416



0077B5



9140A6

Rectangle

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



AA420A



676700



0077B5



0063CC

Sweetspot

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



AA420A



DEB5A0



AA0A72



70574A



F0F0F0



707070

Same Dimension

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



AA420A



DE4E00



AA920A



544F4C



943400



140700

Inverse Universe

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



0A72AA



0090DE



0A22AA



4C5154



006094



000D14

Previews

White Background



This preview shows how the Hex color AA420A looks on a white background.

Color Contrast Check

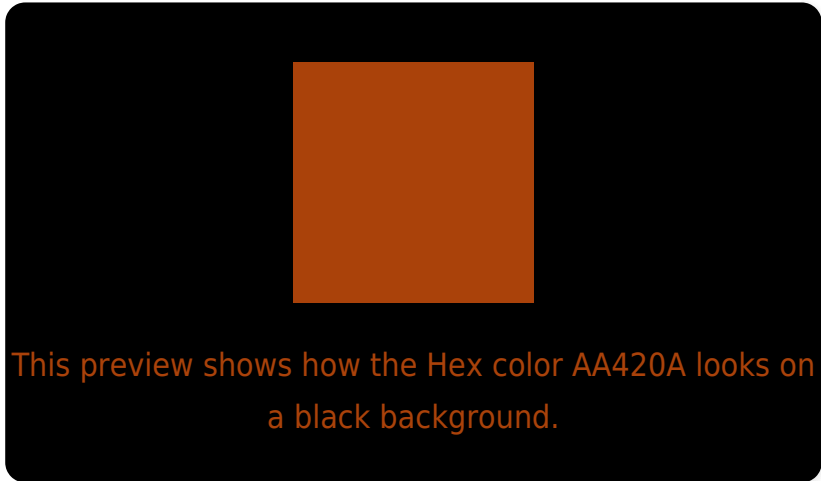
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AA420A Background



This preview shows how black text looks on a background with the Hex color AA420A.



This preview shows how white text looks on a background with the Hex color AA420A.

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
AA420A

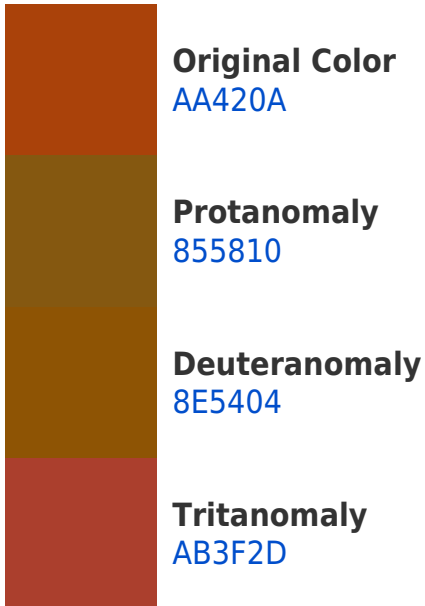
Protanopia
706414

Deuteranopia
7E5F00

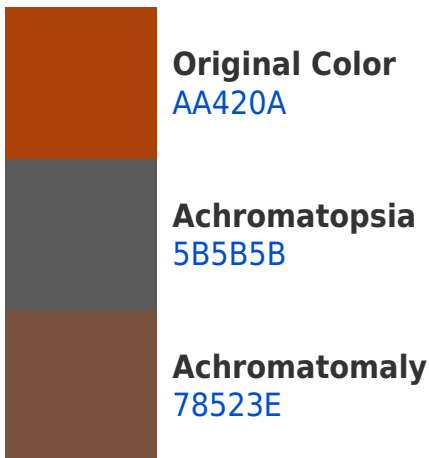


Tritanopia
AB3E41

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA420A 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 #AA420A looks like.

```
.text, #text, p{  
    color:#AA420A  
}
```

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 #AA420A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA420A
}
```

Border

The CSS property to change the border of an element to Hex AA420A is called "border". The border property can be set on classes, ids or directly on the HTML element.

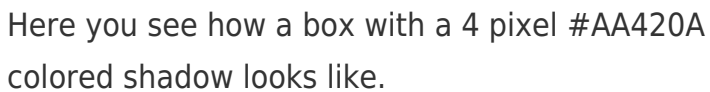
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA420A }
```

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

```
.border{ border-color:#AA420A }
```

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



Here you see how a box with a 4 pixel #AA420A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA420A; -webkit-box-shadow:4px 4px  
4px 4px #AA420A; box-shadow:4px 4px 4px  
4px #AA420A }
```

Background

The CSS property to change the background color of an element to Hex AA420A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA420A }
```

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

```
.background{ background-color:#AA420A }
```

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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