

Converting Colors

Hex(AA3022)

Have a look what the booklet for
Hex(AA3022) contains.

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Color

Hex(AA3022)

Conversions

Conversions Part 1

Format	Color
Hex	AA3022
RGB	170, 48, 34
RGB Percent	67%, 19%, 13%
CMY	0.3333, 0.8118, 0.8667
CMYK	0.00, 0.72, 0.80, 0.33
HSL	6°, 67%, 40%
HSV	6°, 80%, 67%
XYZ	17.9232, 10.7754, 2.6486
YIQ	82.8820, 77.2060, 21.5100

Conversions

Conversions Part 2

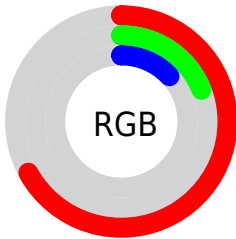
Format	Color
RYB	170, 50, 34
Decimal	11153442
CIELab	39.20, 48.79, 37.22
CIElCh	39, 61.370, 37.338
Yxy	10.7754, 0.5718, 0.3437
Android (android.graphics.Color)	4289343522 (0xFFAA3022)
YUV	82.8820, -24.0988, 76.4025
Hunter-Lab	32.8260, 40.0170, 18.1943

Details

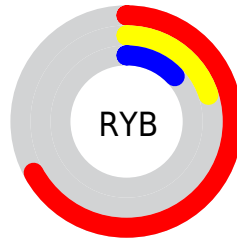
The Hex color **AA3022** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **229CAA**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **E86650**, and **6E0000** is the 20% darker color. If you saturate the color by 10%, you get **AA2111**, and if you desaturate by 10%, it is **AA3F33**.

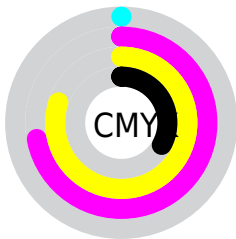
Distribution



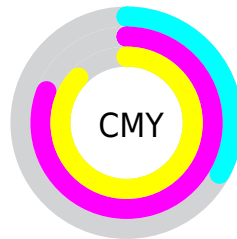
- Red (67%)
- Green (19%)
- Blue (13%)



- Red (67%)
- Yellow (20%)
- Blue (13%)



- Cyan (0%)
- Magenta (72%)
- Yellow (80%)
- Black (33%)



- Cyan (33%)
- Magenta (81%)
- Yellow (87%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA3022 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 AA3022 by changing the saturation by 10% instead.

 AA3022

 AA3022

FFFFFF

 8C0F0C

 E86650

 6E0000

 FF8168

 500000

 FF9D82

 360002

 FFB99C

 060000

 FFD5B7

 000000

 FFF2D3

 FFFFEE

 AA3022

 AA3022

■ AA2111

■ AA3F33

■ AA1100

■ AA4E44

■ AA5E55

■ AA6D66

■ AA7C77

■ AA8B88

■ AA9B99

■ AAAAAA

■ AAB9BB

Harmonies

Analogous

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



B21852



AA3022



8E4B00

Triad

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



AA3022



006F33



005FC1

Complementary

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



AA3022



229CAA

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.



006CB9



AA3022



007268

Square

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



AA3022



2E6A00



007198



6A48AD

Rectangle

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



AA3022



745900



007198



0064C1

Sweetspot

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



AA3022



DEAEA9



AA229C



705350



F0F0F0



707070

Same Dimension

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



AA3022



DE1F09



AA7422



544D4C



940F00



140200

Inverse Universe

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



229CAA



09C8DE



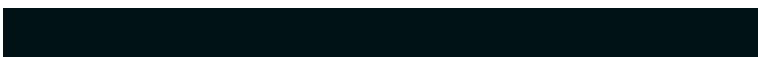
2258AA



4C5354



008594



001214

Previews

White Background



This preview shows how the Hex color AA3022 looks on a white background.

Color Contrast Check

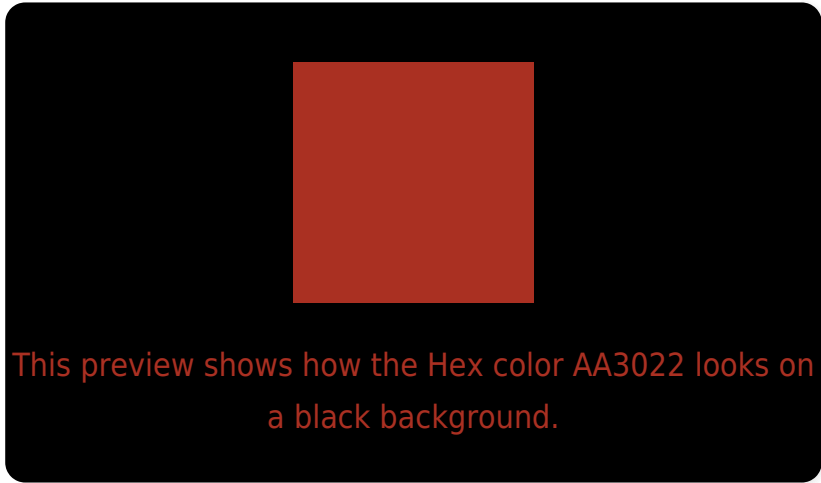
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA3022 Background



This preview shows how black text looks on a background with the Hex color AA3022.



This preview shows how white text looks on a background with the Hex color AA3022.

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

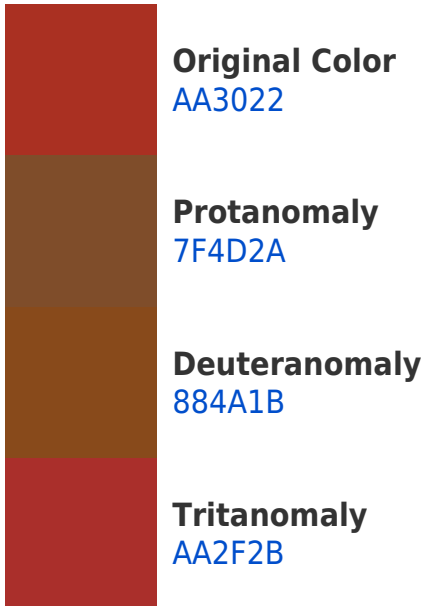


Original Color
AA3022

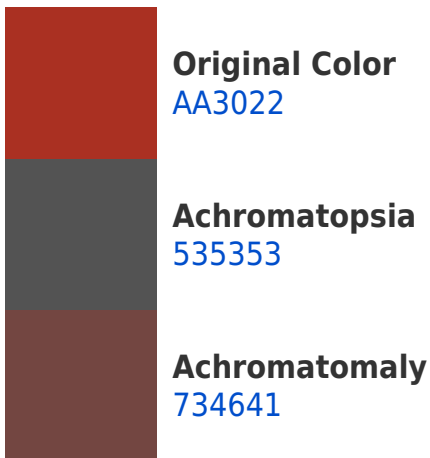
Protanopia
675D2F

Deuteranopia
755917

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA3022 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 #AA3022 looks like.

```
.text, #text, p{  
    color:#AA3022  
}
```

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 #AA3022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA3022  
}
```

Border

The CSS property to change the border of an element to Hex AA3022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

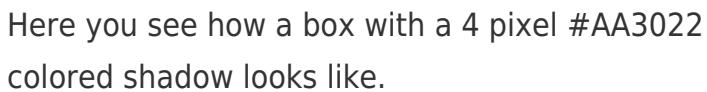
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AA3022 }
```

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

```
.border{ border-color:#AA3022 }
```

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



Here you see how a box with a 4 pixel `#AA3022` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA3022; -webkit-box-shadow:4px 4px  
4px 4px #AA3022; box-shadow:4px 4px 4px  
4px #AA3022 }
```

Background

The CSS property to change the background color of an element to Hex AA3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA3022 }
```

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

```
.background{ background-color:#AA3022 }
```

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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