

Converting Colors

Hex(AA8235)

Have a look what the booklet for
Hex(AA8235) contains.

Hex(AA8235)	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(AA8235)

Conversions

Conversions Part 1

Format	Color
Hex	AA8235
RGB	170, 130, 53
RGB Percent	67%, 51%, 21%
CMY	0.3333, 0.4902, 0.7922
CMYK	0.00, 0.24, 0.69, 0.33
HSL	39°, 52%, 44%
HSV	39°, 69%, 67%
XYZ	25.2028, 24.7684, 6.8206
YIQ	133.1820, 48.5570, -15.4670

Conversions

Conversions Part 2

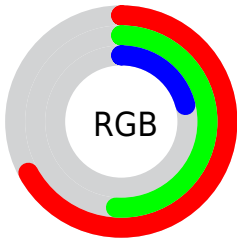
Format	Color
RYB	114, 170, 53
Decimal	11174453
CIELab	56.85, 7.22, 46.17
CIElCh	57, 46.733, 81.114
Yxy	24.7684, 0.4438, 0.4361
Android (android.graphics.Color)	4289364533 (0xFFAA8235)
YUV	133.1820, -39.5297, 32.2894
Hunter-Lab	49.7678, 3.3001, 26.7119

Details

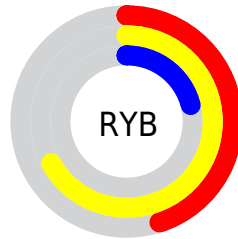
The Hex color **AA8235** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **355DAA**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **E4B767**, and **725100** is the 20% darker color. If you saturate the color by 10%, you get **AA7C24**, and if you desaturate by 10%, it is **AA8846**.

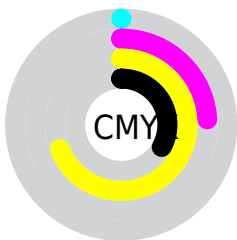
Distribution



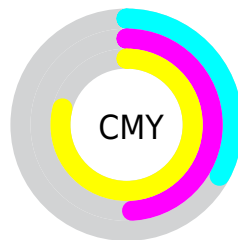
- Red (67%)
- Green (51%)
- Blue (21%)



- Red (45%)
- Yellow (67%)
- Blue (21%)



- Cyan (0%)
- Magenta (24%)
- Yellow (69%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA8235 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 AA8235 by changing the saturation by 10% instead.

■ AA8235

■ AA8235

FFFFFF

■ 8E691B

■ E4B767

■ 725100

■ FFD281

■ 583A00

■ FFEF9C

■ 3D2500

■ FFFFB8

■ 241100

■ FFFFD4

■ 000000

■ FFFFF0

■ AA8235

■ AA8235

■ AA7C24

■ AA8846

■ AA7613

■ AA8E57

■ AA7102

■ AA9368

■ AA7000

■ AA9979

■ AA9F8A

■ AAA59B

■ AAABAC

■ AAB0BD

■ AAB6CE

Harmonies

Analogous

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



C7734A



AA8235



838F38

Triad

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



AA8235



009DA4



AF72BC

Complementary

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



AA8235



355DAA

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.



7783D4



AA8235



0099C7

Square

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



AA8235



009C7A



0090D9



CD6696

Rectangle

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



AA8235



659548



0090D9



9F78C6

Sweetspot

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



AA8235



DECEAF



AA355E



706754



F0F0F0



707070

Same Dimension

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



AA8235



DE9F26



98AA35



54514C



946100



140D00

Inverse Universe

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



355DAA



2665DE



4735AA



4C4F54



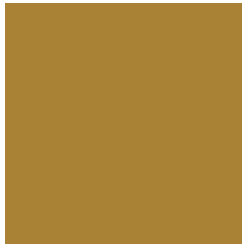
003394



000714

Previews

White Background



This preview shows how the Hex color AA8235 looks on a white background.

Color Contrast Check

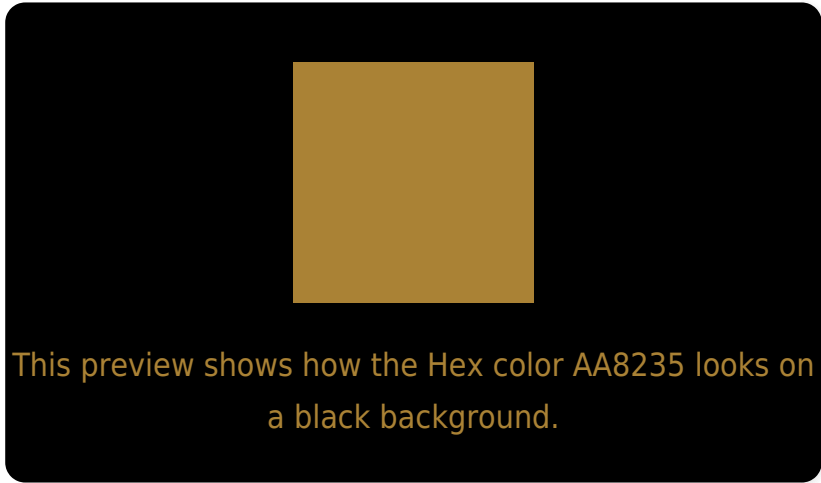
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex AA8235 Background



This preview shows how black text looks on a background with the Hex color AA8235.



This preview shows how white text looks on a background with the Hex color AA8235.

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
AA8235

Protanopia
988937

Deuteranopia
AA8235

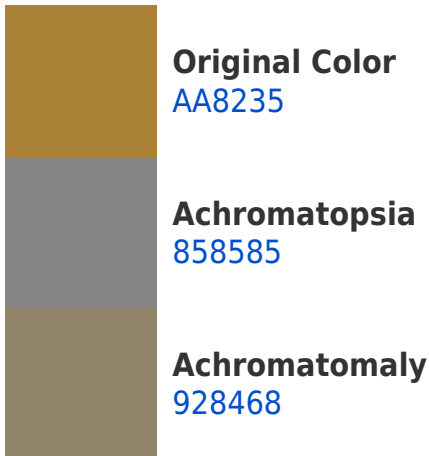


Tritanopia
B07A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA8235 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 #AA8235 looks like.

```
.text, #text, p{  
    color:#AA8235  
}
```

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 #AA8235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA8235
}
```

Border

The CSS property to change the border of an element to Hex AA8235 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
#AA8235 }
```

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

```
.border{ border-color:#AA8235 }
```

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

Here you see how a box with a 4 pixel #AA8235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA8235; -webkit-box-shadow:4px 4px  
4px 4px #AA8235; box-shadow:4px 4px 4px  
4px #AA8235 }
```

Background

The CSS property to change the background color of an element to Hex AA8235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA8235 }
```

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

```
.background{ background-color:#AA8235 }
```

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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