

Converting Colors

Hex(AA3213)

Have a look what the booklet for
Hex(AA3213) contains.

Hex(AA3213)	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(AA3213)

Conversions

Conversions Part 1

Format	Color
Hex	AA3213
RGB	170, 50, 19
RGB Percent	67%, 20%, 7%
CMY	0.3333, 0.8039, 0.9255
CMYK	0.00, 0.71, 0.89, 0.33
HSL	12°, 80%, 37%
HSV	12°, 89%, 67%
XYZ	17.8357, 10.8743, 1.7750
YIQ	82.3460, 81.4710, 15.7990

Conversions

Conversions Part 2

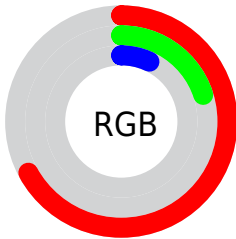
Format	Color
R_{YB}	170, 58, 19
Decimal	11153939
CIE _{Lab}	39.37, 47.60, 44.75
CIE _{LCh}	39, 65.333, 43.232
Yxy	10.8743, 0.5851, 0.3567
Android (android.graphics.Color)	4289344019 (0xFFAA3213)
YUV	82.3460, -31.2296, 76.8726
Hunter-Lab	32.9762, 38.8365, 19.8919

Details

The Hex color **AA3213** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **138BAA**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **E86842**, and **6D0000** is the 20% darker color. If you saturate the color by 10%, you get **AA2402**, and if you desaturate by 10%, it is **AA4024**.

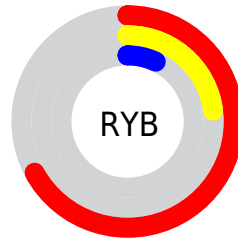
Distribution



Red (67%)

Green (20%)

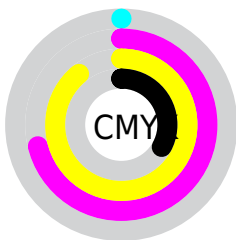
Blue (7%)



Red (67%)

Yellow (23%)

Blue (7%)

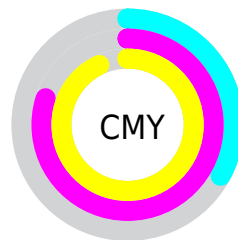


Cyan (0%)

Magenta (71%)

Yellow (89%)

Black (33%)



Cyan (33%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA3213 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 AA3213 by changing the saturation by 10% instead.

 AA3213

 AA3213

FFFFFFD

 8C1300

 E86842

 6D0000

 FF825B

 4F0000

 FF9E74

 360002

 FFBA8E

 050000

 FFD6A9

 000000

 FFF3C4

 FFFFEO

 AA3213

 AA3213

■ AA2402

■ AA4024

■ AA2300

■ AA4D35

■ AA5B46

■ AA6857

■ AA7668

■ AA8379

■ AA918A

■ AA9E9B

■ AAACAC

Harmonies

Analogous

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



B80B48



AA3213



894F00

Triad

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



AA3213



00713C



005CC6

Complementary

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



AA3213



138BAA

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.



006BC4



AA3213



007374

Square

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



AA3213



106C00



0072A5



7A41AB

Rectangle

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



AA3213



6D5D00



0072A5



0062C8

Sweetspot

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



AA3213



DEAEA2



AA138C



70544C



F0F0F0



707070

Same Dimension

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



AA3213



DE2E00



AA7D13



544D4C



941E00



140400

Inverse Universe

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



138BAA



00B0DE



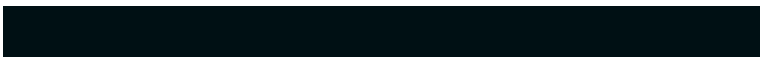
1340AA



4C5254



007694



001014

Previews

White Background



This preview shows how the Hex color AA3213 looks on a white background.

Color Contrast Check

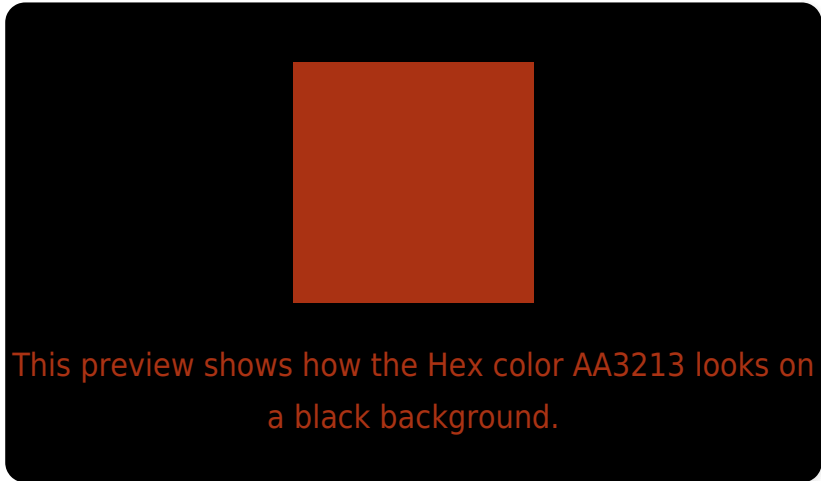
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA3213 Background



This preview shows how black text looks on a background with the Hex color AA3213.



This preview shows how white text looks on a background with the Hex color AA3213.

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
AA3213

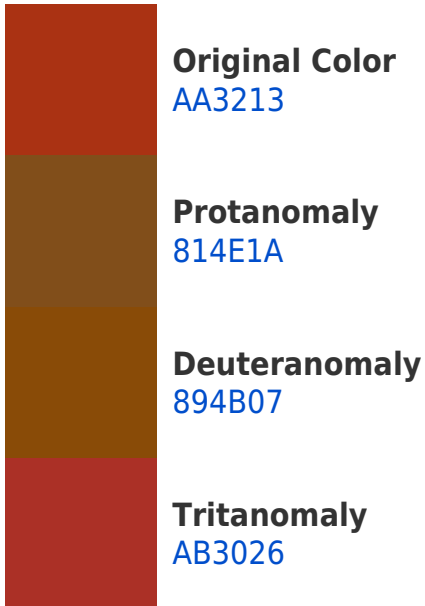
Protanopia
695E1E

Deuteranopia
765900

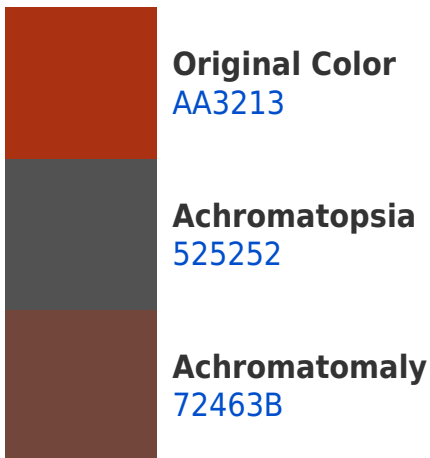


Tritanopia
AB2F31

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA3213 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 #AA3213 looks like.

```
.text, #text, p{  
    color:#AA3213  
}
```

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 #AA3213 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA3213
}
```

Border

The CSS property to change the border of an element to Hex AA3213 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
#AA3213 }
```

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

```
.border{ border-color:#AA3213 }
```

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

Here you see how a box with a 4 pixel #AA3213 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA3213; -webkit-box-shadow:4px 4px  
4px 4px #AA3213; box-shadow:4px 4px 4px  
4px #AA3213 }
```

Background

The CSS property to change the background color of an element to Hex AA3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA3213 }
```

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

```
.background{ background-color:#AA3213 }
```

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