

Converting Colors

Hex(AA2232)

Have a look what the booklet for
Hex(AA2232) contains.

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Color

Hex(AA2232)

Conversions

Conversions Part 1

Format	Color
Hex	AA2232
RGB	170, 34, 50
RGB Percent	67%, 13%, 20%
CMY	0.3333, 0.8667, 0.8039
CMYK	0.00, 0.80, 0.71, 0.33
HSL	353°, 67%, 40%
HSV	353°, 80%, 67%
XYZ	17.7253, 9.9204, 3.9982
YIQ	76.4880, 75.9200, 33.8080

Conversions

Conversions Part 2

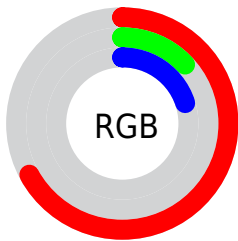
Format	Color
R_{YB}	170, 34, 50
Decimal	11149874
CIE _{Lab}	37.70, 54.20, 26.11
CIE _{LCh}	38, 60.162, 25.720
Yxy	9.9204, 0.5601, 0.3135
Android (android.graphics.Color)	4289339954 (0xFFAA2232)
YUV	76.4880, -13.0586, 82.0100
Hunter-Lab	31.4967, 45.3350, 14.5213

Details

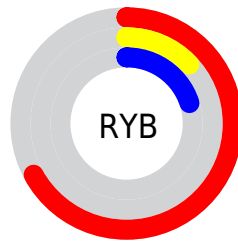
The Hex color **AA2232** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **22AA9A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **E85C60**, and **6E0005** is the 20% darker color. If you saturate the color by 10%, you get **AA1123**, and if you desaturate by 10%, it is **AA3341**.

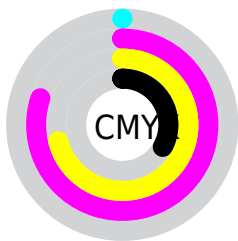
Distribution



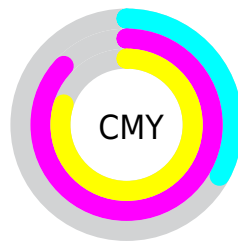
- Red (67%)
- Green (13%)
- Blue (20%)



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



- Cyan (0%)
- Magenta (80%)
- Yellow (71%)
- Black (33%)



- Cyan (33%)
- Magenta (87%)
- Yellow (80%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA2232 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 AA2232 by changing the saturation by 10% instead.

■ AA2232

■ AA2232

FFFFFF

■ 8C001D

■ E85C60

■ 6E0005

■ FF7879

■ 500000

■ FF9493

■ 350002

■ FFB0AD

■ 030000

■ FFCC9

■ 000000

■ FFE9E5

■ AA2232

■ AA2232

■ AA1123

■ AA3341

■ AA0014

■ AA4450

■ AA555F

■ AA666E

■ AA777D

■ AA888C

■ AA999B

■ AAAAAA

■ AABBB9

Harmonies

Analogous

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



A91862



AA2232



953E00

Triad

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



AA2232



006A1C



0061BB

Complementary

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



AA2232



22AA9A

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.



006AA9



AA2232



006D50

Square

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



AA2232



446200



006E82



424FB1

Rectangle

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



AA2232



7F4E00



006E82



0065B8

Sweetspot

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



AA2232



DEA9AF



9822AA



705053



F0F0F0



707070

Same Dimension

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



AA2232



DE0922



AA5422



544C4D



940011



140002

Inverse Universe

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



AA2232



DE0922



2278AA



544C4D



940011



140002

Previews

White Background



This preview shows how the Hex color AA2232 looks on a white background.

Color Contrast Check

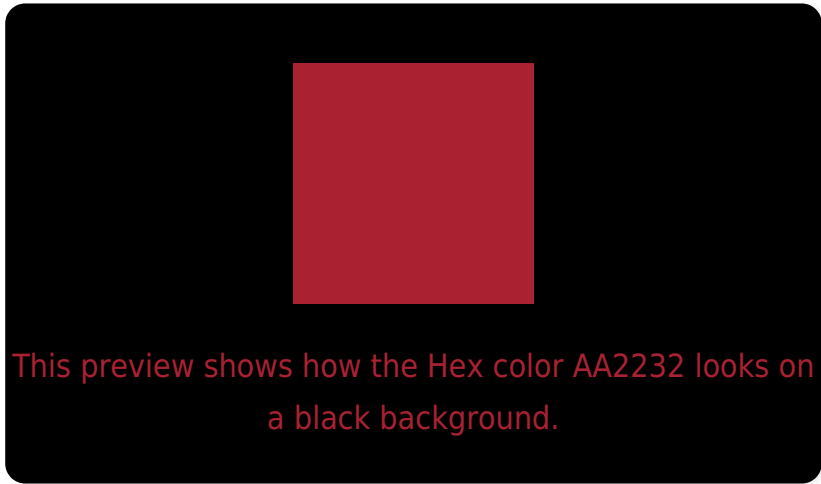
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Hex AA2232 Background



This preview shows how black text looks on a background with the Hex color AA2232.



This preview shows how white text looks on a background with the Hex color AA2232.

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
AA2232

Protanopia
605A46

Deuteranopia
6F562A

Trichromacy



Original Color
AA2232

Protanomaly
7B463F

Deuteranomaly
84432D

Tritanomaly
AA242A

Monochromacy



Original Color
AA2232

Achromatopsia
4C4C4C

Achromatomaly
6E3D43

CSS Examples

Text

The CSS property to change the color of the text to Hex AA2232 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 #AA2232 looks like.

```
.text, #text, p{  
    color:#AA2232  
}
```

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 #AA2232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA2232
}
```

Border

The CSS property to change the border of an element to Hex AA2232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

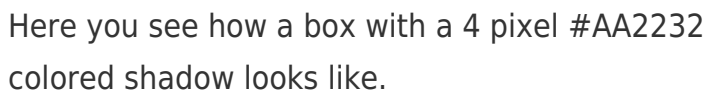
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA2232 }
```

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

```
.border{ border-color:#AA2232 }
```

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



Here you see how a box with a 4 pixel `#AA2232` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA2232; -webkit-box-shadow:4px 4px  
4px 4px #AA2232; box-shadow:4px 4px 4px  
4px #AA2232 }
```

Background

The CSS property to change the background color of an element to Hex AA2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA2232 }
```

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

```
.background{ background-color:#AA2232 }
```

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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awesome pro features!

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