

Converting Colors

Hex(AA3D3D)

Have a look what the booklet for
Hex(AA3D3D) contains.

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Color

Hex(AA3D3D)

Conversions

Conversions Part 1

Format	Color
Hex	AA3D3D
RGB	170, 61, 61
RGB Percent	67%, 24%, 24%
CMY	0.3333, 0.7608, 0.7608
CMYK	0.00, 0.64, 0.64, 0.33
HSL	0°, 47%, 45%
HSV	0°, 64%, 67%
XYZ	19.0886, 12.2205, 5.7676
YIQ	93.5910, 64.9640, 23.1080

Conversions

Conversions Part 2

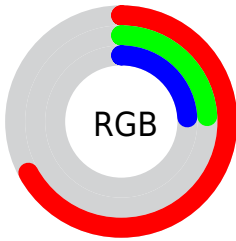
Format	Color
RYB	170, 61, 61
Decimal	11156797
CIELab	41.56, 44.69, 24.14
CIELCh	42, 50.787, 28.376
Yxy	12.2205, 0.5148, 0.3296
Android (android.graphics.Color)	4289346877 (0xFFAA3D3D)
YUV	93.5910, -16.0674, 67.0107
Hunter-Lab	34.9578, 36.2934, 14.6884

Details

The Hex color **AA3D3D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3DAAAA**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **E6726D**, and **700013** is the 20% darker color. If you saturate the color by 10%, you get **AA2C2C**, and if you desaturate by 10%, it is **AA4E4E**.

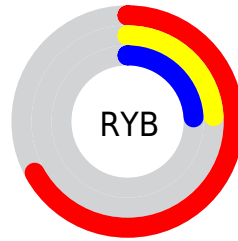
Distribution



Red (67%)

Green (24%)

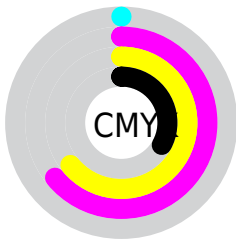
Blue (24%)



Red (67%)

Yellow (24%)

Blue (24%)

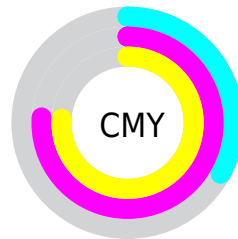


Cyan (0%)

Magenta (64%)

Yellow (64%)

Black (33%)



Cyan (33%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA3D3D 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 AA3D3D by changing the saturation by 10% instead.

■ AA3D3D

■ AA3D3D

FFFFFF

■ 8D2227

■ E6726D

■ 700013

■ FF8C86

■ 530000

■ FFA8A0

■ 390001

■ FFC4BB

■ 130000

■ FFE1D7

■ 000000

■ FFFE3

■ AA3D3D

■ AA3D3D

■ AA2C2C

■ AA4E4E

■ AA1B1B

■ AA5F5F

■ AA0A0A

■ AA7070

■ AA0000

■ AA8181

■ AA9292

■ AAA3A3

■ AAB4B4

■ AAC5C5

■ AAD6D6

Harmonies

Analogous

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



AA3766



AA3D3D



974F18

Triad

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



AA3D3D



007234



0068B6

Complementary

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



AA3D3D



3DAAAA

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.



0071A9



AA3D3D



00755E

Square

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



AA3D3D



4F6B0B



007589



5C58AC

Rectangle

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



AA3D3D



835A00



007589



006CB4

Sweetspot

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



AA3D3D



DEB4B4



AA3DAA



705656



F0F0F0



707070

Same Dimension

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



AA3D3D



DE3333



AA733D



544C4C



940000



140000

Inverse Universe

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



3DAAAA



33DEDE



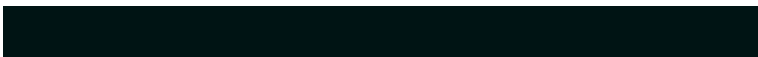
3D73AA



4C5454



009494



001414

Previews

White Background



This preview shows how the Hex color AA3D3D looks on a white background.

Color Contrast Check

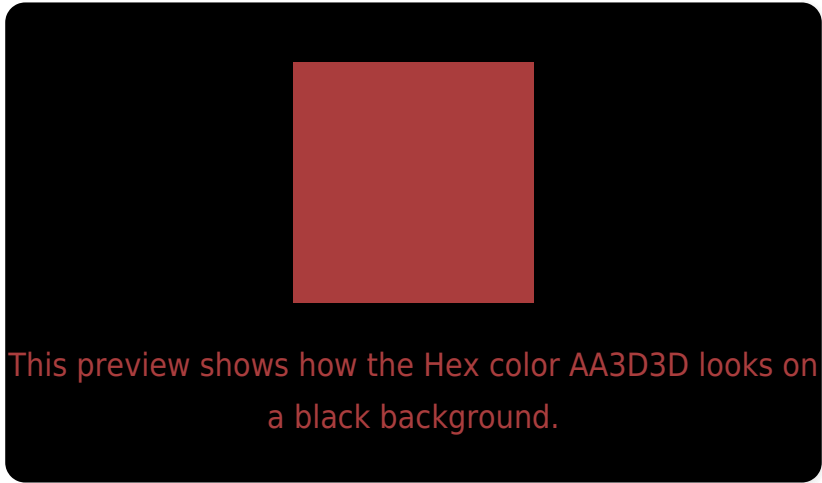
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA3D3D Background



This preview shows how black text looks on a background with the Hex color AA3D3D.



This preview shows how white text looks on a background with the Hex color AA3D3D.

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
AA3D3D

Protanopia
6A634C

Deuteranopia
795E37

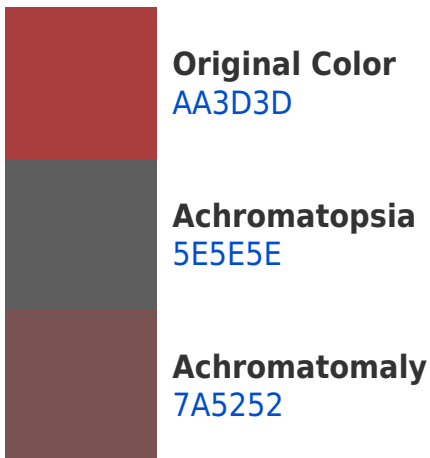


Tritanopia
AA3D40

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA3D3D 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 #AA3D3D looks like.

```
.text, #text, p{  
    color:#AA3D3D  
}
```

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 #AA3D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA3D3D
}
```

Border

The CSS property to change the border of an element to Hex AA3D3D 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
#AA3D3D }
```

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

```
.border{ border-color:#AA3D3D }
```

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

Here you see how a box with a 4 pixel #AA3D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA3D3D; -webkit-box-shadow:4px 4px  
4px 4px #AA3D3D; box-shadow:4px 4px 4px  
4px #AA3D3D }
```

Background

The CSS property to change the background color of an element to Hex AA3D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA3D3D }
```

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

```
.background{ background-color:#AA3D3D }
```

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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