

Converting Colors

Hex(AA3358)

Have a look what the booklet for
Hex(AA3358) contains.

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Color

Hex(AA3358)

Conversions

Conversions Part 1

Format	Color
Hex	AA3358
RGB	170, 51, 88
RGB Percent	67%, 20%, 35%
CMY	0.3333, 0.8000, 0.6549
CMYK	0.00, 0.70, 0.48, 0.33
HSL	341°, 54%, 43%
HSV	341°, 70%, 67%
XYZ	19.5228, 11.6183, 10.4461
YIQ	90.7990, 59.0470, 36.7350

Conversions

Conversions Part 2

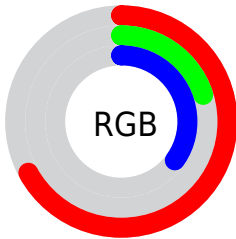
Format	Color
R_{YB}	170, 51, 88
Decimal	11154264
CIE Lab	40.60, 51.03, 6.03
CIE LCh	41, 51.388, 6.743
Yxy	11.6183, 0.4694, 0.2794
Android (android.graphics.Color)	4289344344 (0xFFAA3358)
YUV	90.7990, -1.3799, 69.4593
Hunter-Lab	34.0856, 42.5877, 5.6895

Details

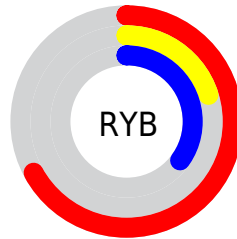
The Hex color **AA3358** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **33AA85**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **E56A8A**, and **70002B** is the 20% darker color. If you saturate the color by 10%, you get **AA224C**, and if you desaturate by 10%, it is **AA4464**.

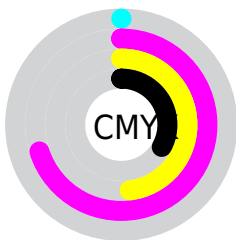
Distribution



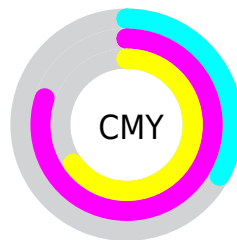
- Red (67%)
- Green (20%)
- Blue (35%)



- Red (67%)
- Yellow (20%)
- Blue (35%)



- Cyan (0%)
- Magenta (70%)
- Yellow (48%)
- Black (33%)



- Cyan (33%)
- Magenta (80%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA3358 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 AA3358 by changing the saturation by 10% instead.

■ AA3358

■ AA3358

FFFFFF

■ 8D1241

■ E56A8A

■ 70002B

■ FF85A4

■ 540017

■ FFA1BF

■ 3B0002

■ FFBDDB

■ 170000

■ FFD9F7

■ 000000

■ FFF7FF

■ AA3358

■ AA3358

■ AA224C

■ AA4464

■ AA1141

■ AA556F

■ AA0035

■ AA667B

■ AA7787

■ AA8893

■ AA999E

■ AAAAAA

■ AABBB6

■ AACCC1

Harmonies

Analogous

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



993C82



AA3358



A43E30

Triad

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



AA3358



3E6B12



006DAD

Complementary

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



AA3358



33AA85

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.



007291



AA3358



00713D

Square

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



AA3358



6B6100



007368



0062B4

Rectangle

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



AA3358



964B16



007368



006FA6

Sweetspot

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



AA3358



DEAFBE



8433AA



70545D



F0F0F0



707070

Same Dimension

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



AA3358



DE235D



AA4933



544C4E



94002E



140006

Inverse Universe

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



AA3358



DE235D



3394AA



544C4E



94002E



140006

Previews

White Background



This preview shows how the Hex color AA3358 looks on a white background.

Color Contrast Check

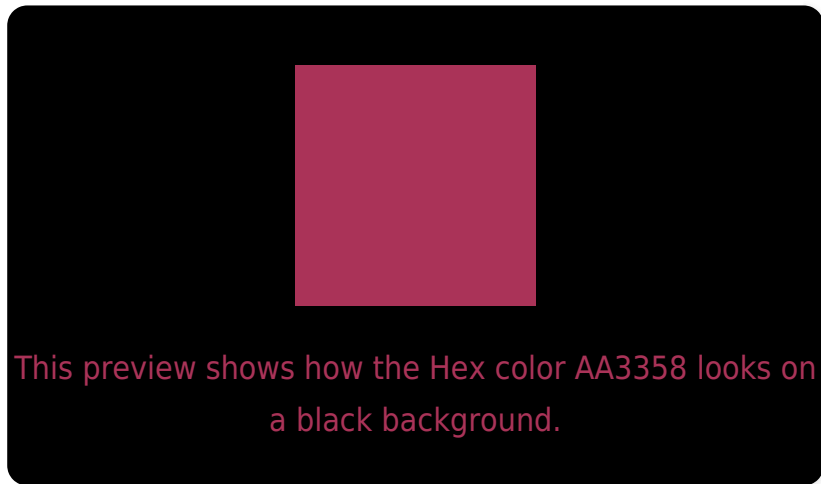
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA3358 Background



This preview shows how black text looks on a background with the Hex color AA3358.




This preview shows how white text looks on a background with the Hex color AA3358.

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





Tritanopia
A8393C

Trichromacy



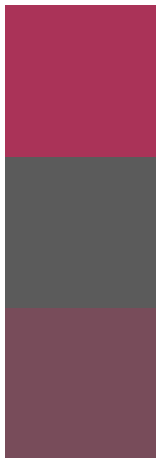
Original Color
AA3358

Protanomaly
795068

Deuteranomaly
844E54

Tritanomaly
A93746

Monochromacy



Original Color
AA3358

Achromatopsia
5B5B5B

Achromatomaly
784C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex AA3358 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 #AA3358 looks like.

```
.text, #text, p{  
    color:#AA3358  
}
```

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 #AA3358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA3358
}
```

Border

The CSS property to change the border of an element to Hex AA3358 is called "border". The border property can be set on classes, ids or directly on the HTML element.

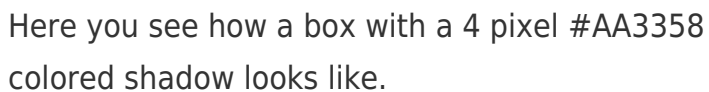
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA3358 }
```

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

```
.border{ border-color:#AA3358 }
```

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



Here you see how a box with a 4 pixel #AA3358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA3358; -webkit-box-shadow:4px 4px  
4px 4px #AA3358; box-shadow:4px 4px 4px  
4px #AA3358 }
```

Background

The CSS property to change the background color of an element to Hex AA3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA3358 }
```

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

```
.background{ background-color:#AA3358 }
```

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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