

Converting Colors

Hex(AA4069)

Have a look what the booklet for
Hex(AA4069) contains.

Hex(AA4069)	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(AA4069)

Conversions

Conversions Part 1

Format	Color
Hex	AA4069
RGB	170, 64, 105
RGB Percent	67%, 25%, 41%
CMY	0.3333, 0.7490, 0.5882
CMYK	0.00, 0.62, 0.38, 0.33
HSL	337°, 45%, 46%
HSV	337°, 62%, 67%
XYZ	20.9608, 13.2328, 14.8140
YIQ	100.3680, 50.0150, 35.2230

Conversions

Conversions Part 2

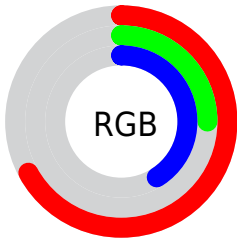
Format	Color
R_{YB}	170, 64, 105
Decimal	11157609
CIE _{Lab}	43.11, 47.29, -0.95
CIE _{LCh}	43, 47.300, 358.852
Yxy	13.2328, 0.4277, 0.2700
Android (android.graphics.Color)	4289347689 (0xFFAA4069)
YUV	100.3680, 2.2836, 61.0673
Hunter-Lab	36.3769, 39.1942, 1.3187

Details

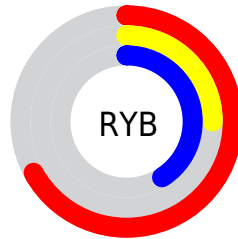
The Hex color **AA4069** is a dark color, and the websafe version is hex **993366**, and the color name is **medium ruby**. A complement of this color would be **40AA81**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **E4759C**, and **72003A** is the 20% darker color. If you saturate the color by 10%, you get **AA2F5F**, and if you desaturate by 10%, it is **AA5173**.

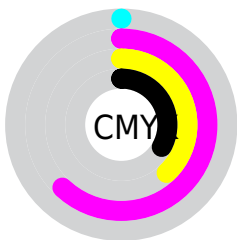
Distribution



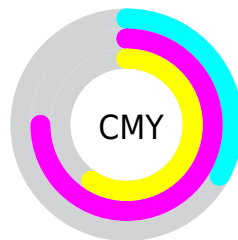
- Red (67%)
- Green (25%)
- Blue (41%)



- Red (67%)
- Yellow (25%)
- Blue (41%)



- Cyan (0%)
- Magenta (62%)
- Yellow (38%)
- Black (33%)



- Cyan (33%)
- Magenta (75%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA4069 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 AA4069 by changing the saturation by 10% instead.

■ AA4069

■ AA4069

FFFFFF

■ 8E2451

■ E4759C

■ 72003A

■ FF90B7

■ 560025

■ FFACD2

■ 3D000F

■ FFC8EF

■ 1F0001

■ FFE5FF

■ 000000

■ AA4069

■ AA4069

■ AA2F5F

■ AA5173

■ AA1E54

■ AA627E

■ AA0D4A

■ AA7388

■ AA0042

■ AA8493

■ AA959D

■ AAA6A8

■ AAB7B2

■ AAC8BC

■ AAD9C7

Harmonies

Analogous

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



934B8F



AA4069



AA4542

Triad

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



AA4069



546F1A



0074A8

Complementary

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



AA4069



40AA81

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.



00788B



AA4069



15753B

Square

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



AA4069



7B630C



007863



006BB4

Rectangle

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



AA4069



A04F2C



007863



0076A0

Sweetspot

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



AA4069



DEB4C4



8040AA



705660



F0F0F0



707070

Same Dimension

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



AA4069



DE3778



AA4B40



544C4F



940039



140008

Inverse Universe

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



AA4069



DE3778



409FAA



544C4F



940039



140008

Previews

White Background



This preview shows how the Hex color AA4069 looks on a white background.

Color Contrast Check

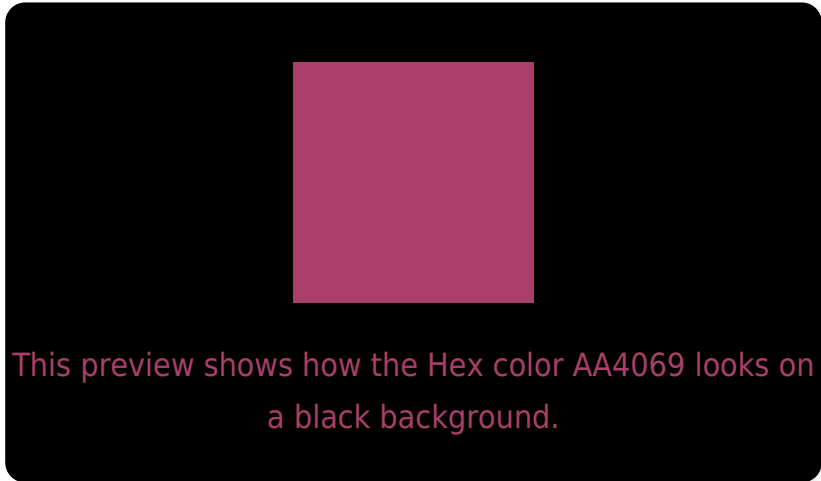
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA4069 Background



This preview shows how black text looks on a background with the Hex color AA4069.

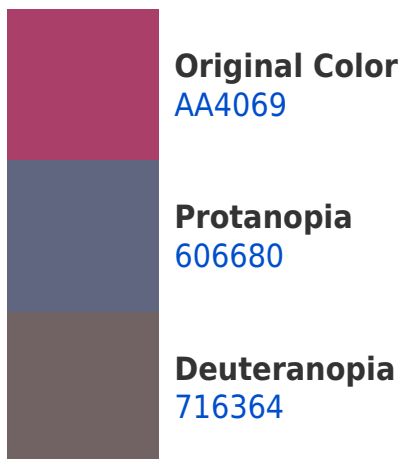


This preview shows how white text looks on a background with the Hex color AA4069.

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
A8464B

Trichromacy



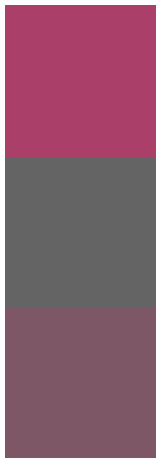
Original Color
AA4069

Protanomaly
7B5878

Deuteranomaly
865666

Tritanomaly
A94456

Monochromacy



Original Color
AA4069

Achromatopsia
646464

Achromatomaly
7D5766

CSS Examples

Text

The CSS property to change the color of the text to Hex AA4069 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 #AA4069 looks like.

```
.text, #text, p{  
    color:#AA4069  
}
```

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 #AA4069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA4069
}
```

Border

The CSS property to change the border of an element to Hex AA4069 is called "border". The border property can be set on classes, ids or directly on the HTML element.

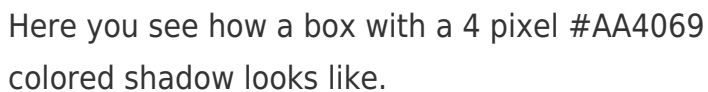
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA4069 }
```

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

```
.border{ border-color:#AA4069 }
```

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



Here you see how a box with a 4 pixel #AA4069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA4069; -webkit-box-shadow:4px 4px  
4px 4px #AA4069; box-shadow:4px 4px 4px  
4px #AA4069 }
```

Background

The CSS property to change the background color of an element to Hex AA4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA4069 }
```

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

```
.background{ background-color:#AA4069 }
```

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