

Converting Colors

Hex(AA3778)

Have a look what the booklet for
Hex(AA3778) contains.

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Color

Hex(AA3778)

Conversions

Conversions Part 1

Format	Color
Hex	AA3778
RGB	170, 55, 120
RGB Percent	67%, 22%, 47%
CMY	0.3333, 0.7843, 0.5294
CMYK	0.00, 0.68, 0.29, 0.33
HSL	326°, 51%, 44%
HSV	326°, 68%, 67%
XYZ	21.3339, 12.6345, 19.0836
YIQ	96.7950, 47.6750, 44.5950

Conversions

Conversions Part 2

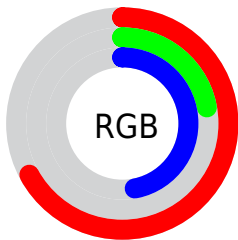
Format	Color
R_{YB}	170, 55, 120
Decimal	11155320
CIE _{Lab}	42.21, 52.97, -11.57
CIE _{LCh}	42, 54.220, 347.681
Yxy	12.6345, 0.4021, 0.2382
Android (android.graphics.Color)	4289345400 (0xFFAA3778)
YUV	96.7950, 11.4401, 64.2008
Hunter-Lab	35.5450, 44.9309, -6.9504

Details

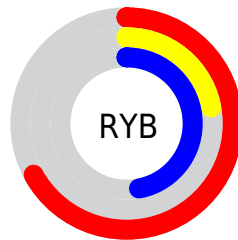
The Hex color **AA3778** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **37AA69**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **E46EAC**, and **720047** is the 20% darker color. If you saturate the color by 10%, you get **AA2671**, and if you desaturate by 10%, it is **AA487F**.

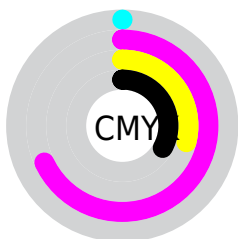
Distribution



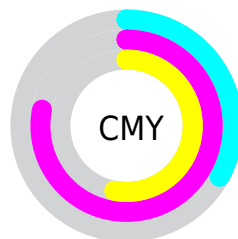
- Red (67%)
- Green (22%)
- Blue (47%)



- Red (67%)
- Yellow (22%)
- Blue (47%)



- Cyan (0%)
- Magenta (68%)
- Yellow (29%)
- Black (33%)



- Cyan (33%)
- Magenta (78%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA3778 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 AA3778 by changing the saturation by 10% instead.

■ AA3778

■ AA3778

FFFFFF

■ 8E175F

■ E46EAC

■ 720047

■ FF89C8

■ 560031

■ FFA5E4

■ 3D001C

■ FFC1FF

■ 210001

■ FFDEFF

■ 000000

■ FFFBFF

■ AA3778

■ AA3778

■ AA2671

■ AA487F

■ AA1569

■ AA5987

■ AA0462

■ AA6A8E

■ AA0060

■ AA7B96

■ AA8C9D

■ AA9DA4

■ AAAEAC

■ AABFB3

■ AAD0BB

Harmonies

Analogous

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



864BA0



AA3778



B3364B

Triad

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



AA3778



5F6A00



0076A5

Complementary

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



AA3778



37AA69

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.



00787E



AA3778



267222

Square

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



AA3778



875B00



00774F



006EBB

Rectangle

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



AA3778



AC402F



00774F



007799

Sweetspot

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



AA3778



DEB1CB



6937AA



705564



F0F0F0



707070

Same Dimension

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



AA3778



DE2A90



AA373F



544C50



940054



14000C

Inverse Universe

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



AA3778



DE2A90



37AAA2



544C50



940054



14000C

Previews

White Background



This preview shows how the Hex color AA3778 looks on a white background.

Color Contrast Check

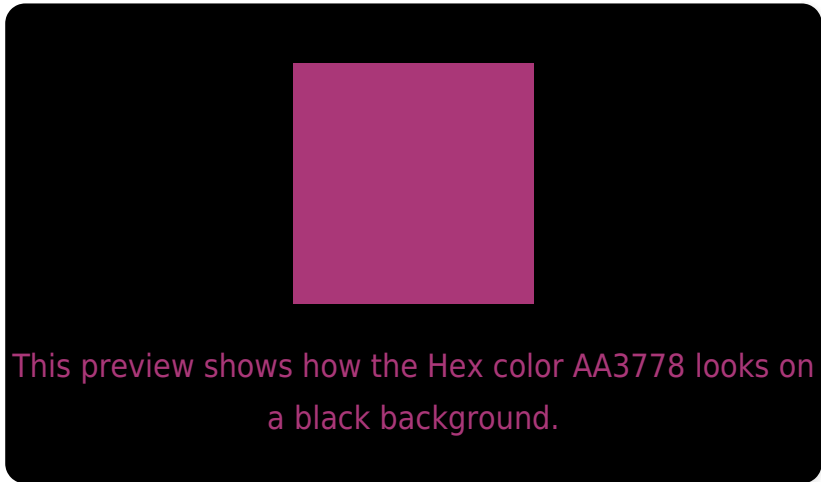
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA3778 Background



This preview shows how black text looks on a background with the Hex color AA3778.




This preview shows how white text looks on a background with the Hex color AA3778.

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
A64348

Trichromacy



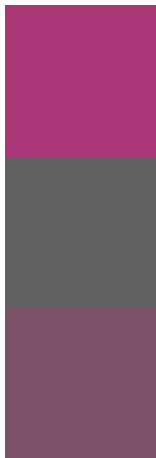
Original Color
AA3778

Protanomaly
72538C

Deuteranomaly
805274

Tritanomaly
A73F59

Monochromacy



Original Color
AA3778

Achromatopsia
616161

Achromatomaly
7C5269

CSS Examples

Text

The CSS property to change the color of the text to Hex AA3778 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 #AA3778 looks like.

```
.text, #text, p{  
    color:#AA3778  
}
```

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 #AA3778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA3778
}
```

Border

The CSS property to change the border of an element to Hex AA3778 is called "border". The border property can be set on classes, ids or directly on the HTML element.

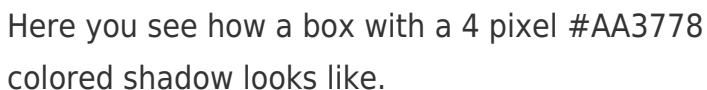
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA3778 }
```

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

```
.border{ border-color:#AA3778 }
```

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



Here you see how a box with a 4 pixel #AA3778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA3778; -webkit-box-shadow:4px 4px  
4px 4px #AA3778; box-shadow:4px 4px 4px  
4px #AA3778 }
```

Background

The CSS property to change the background color of an element to Hex AA3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA3778 }
```

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

```
.background{ background-color:#AA3778 }
```

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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