

Converting Colors

Hex(AA316B)

Have a look what the booklet for
Hex(AA316B) contains.

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Color

Hex(AA316B)

Conversions

Conversions Part 1

Format	Color
Hex	AA316B
RGB	170, 49, 107
RGB Percent	67%, 19%, 42%
CMY	0.3333, 0.8078, 0.5804
CMYK	0.00, 0.71, 0.37, 0.33
HSL	331°, 55%, 43%
HSV	331°, 71%, 67%
XYZ	20.3297, 11.8042, 15.1169
YIQ	91.7910, 53.4980, 43.6900

Conversions

Conversions Part 2

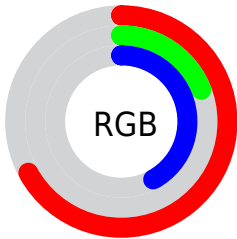
Format	Color
RYB	170, 49, 107
Decimal	11153771
CIELab	40.90, 53.75, -5.45
CIELCh	41, 54.024, 354.208
Yxy	11.8042, 0.4303, 0.2498
Android (android.graphics.Color)	4289343851 (0xFFAA316B)
YUV	91.7910, 7.4980, 68.5893
Hunter-Lab	34.3573, 45.4960, -2.0370

Details

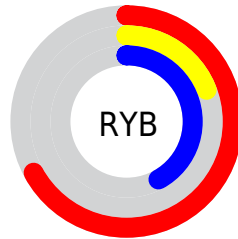
The Hex color **AA316B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **31AA70**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **E5699E**, and **71003C** is the 20% darker color. If you saturate the color by 10%, you get **AA2062**, and if you desaturate by 10%, it is **AA4274**.

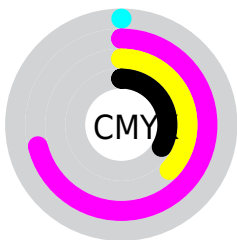
Distribution



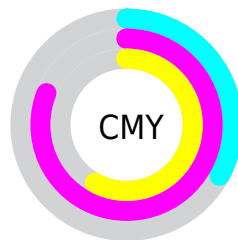
- Red (67%)
- Green (19%)
- Blue (42%)



- Red (67%)
- Yellow (19%)
- Blue (42%)



- Cyan (0%)
- Magenta (71%)
- Yellow (37%)
- Black (33%)



- Cyan (33%)
- Magenta (81%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA316B 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 AA316B by changing the saturation by 10% instead.

■ AA316B

■ AA316B

FFFFFF

■ 8D0D53

■ E5699E

■ 71003C

■ FF84B9

■ 550026

■ FFA0D5

■ 3D0012

■ FFBCF1

■ 1C0001

■ FFD9FF

■ 000000

■ FFF6FF

■ AA316B

■ AA316B

■ AA2062

■ AA4274

■ AA0F59

■ AA537D

■ AA0051

■ AA6486

■ AA758E

■ AA8697

■ AA97A0

■ AAA8A9

■ AAB9B2

■ AACABB

Harmonies

Analogous

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



8D4395



AA316B



AD353F

Triad

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



AA316B



526900



0071A8

Complementary

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



AA316B



31AA70

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.



007484



AA316B



007029

Square

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



AA316B



7C5B00



007456



0068B9

Rectangle

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



AA316B



A34224



007456



00739E

Sweetspot

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



AA316B



DEAFC6



7031AA



705462



F0F0F0



707070

Same Dimension

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



AA316B



DE217C



AA3331



544C50



940047



14000A

Inverse Universe

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



AA316B



DE217C



31A8AA



544C50



940047



14000A

Previews

White Background



This preview shows how the Hex color AA316B looks on a white background.

Color Contrast Check

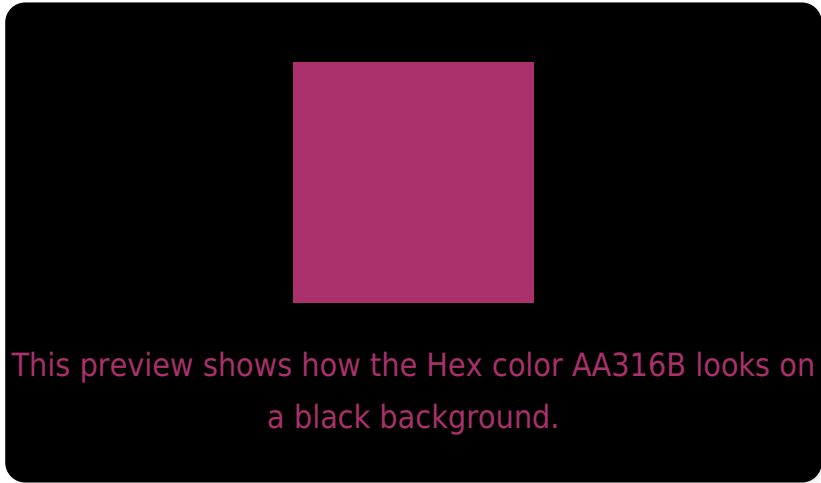
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA316B Background



This preview shows how black text looks on a background with the Hex color AA316B.

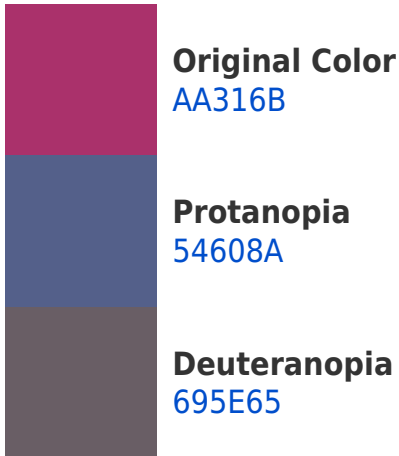



This preview shows how white text looks on a background with the Hex color AA316B.

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
A73C40

Trichromacy



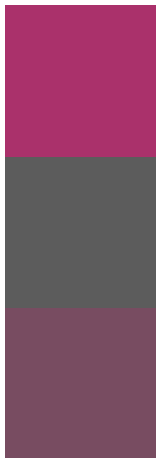
Original Color
AA316B

Protanomaly
734F7F

Deuteranomaly
814E67

Tritanomaly
A83850

Monochromacy



Original Color
AA316B

Achromatopsia
5C5C5C

Achromatomaly
784C61

CSS Examples

Text

The CSS property to change the color of the text to Hex AA316B 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 #AA316B looks like.

```
.text, #text, p{  
    color:#AA316B  
}
```

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 #AA316B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA316B
}
```

Border

The CSS property to change the border of an element to Hex AA316B is called "border". The border property can be set on classes, ids or directly on the HTML element.

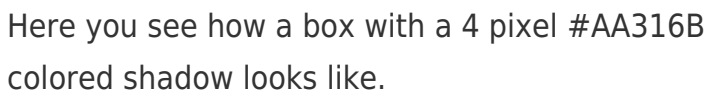
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA316B }
```

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

```
.border{ border-color:#AA316B }
```

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



Here you see how a box with a 4 pixel #AA316B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA316B; -webkit-box-shadow:4px 4px  
4px 4px #AA316B; box-shadow:4px 4px 4px  
4px #AA316B }
```

Background

The CSS property to change the background color of an element to Hex AA316B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA316B }
```

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

```
.background{ background-color:#AA316B }
```

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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