

Converting Colors

Hex(AB3368)

Have a look what the booklet for
Hex(AB3368) contains.

Hex(AB3368)	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(AB3368)

Conversions

Conversions Part 1

Format	Color
Hex	AB3368
RGB	171, 51, 104
RGB Percent	67%, 20%, 41%
CMY	0.3294, 0.8000, 0.5922
CMYK	0.00, 0.70, 0.39, 0.33
HSL	334°, 54%, 44%
HSV	334°, 70%, 67%
XYZ	20.4771, 12.0251, 14.3385
YIQ	92.9220, 54.5070, 41.9230

Conversions

Conversions Part 2

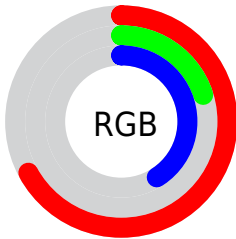
Format	Color
R_{YB}	171, 51, 104
Decimal	11219816
CIE _{Lab}	41.26, 52.95, -3.04
CIE _{LCh}	41, 53.036, 356.719
Yxy	12.0251, 0.4372, 0.2567
Android (android.graphics.Color)	4289409896 (0xFFAB3368)
YUV	92.9220, 5.4615, 68.4744
Hunter-Lab	34.6772, 44.7204, -0.2415

Details

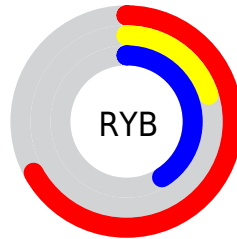
The Hex color **AB3368** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **33AB76**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **E66A9B**, and **720039** is the 20% darker color. If you saturate the color by 10%, you get **AB225E**, and if you desaturate by 10%, it is **AB4472**.

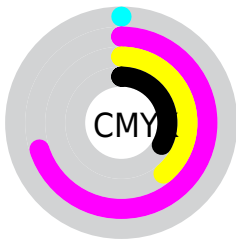
Distribution



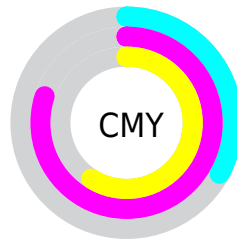
- Red (67%)
- Green (20%)
- Blue (41%)



- Red (67%)
- Yellow (20%)
- Blue (41%)



- Cyan (0%)
- Magenta (70%)
- Yellow (39%)
- Black (33%)



- Cyan (33%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB3368 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 AB3368 by changing the saturation by 10% instead.

 AB3368

 AB3368

FFFFFF

 8E1150

 E66A9B

 720039

 FF86B6

 560024

 FFA1D1

 3D000E

 FFBEEE

 1D0001

 FFDAFF

 000000

 FFF8FF

 AB3368

 AB3368

 AB225E

 AB4472

 AB1155

 AB557B

 AB004C

 AB6685

 AB778E

 AB8898

 AB9AA1

 ABABAB

 ABBCB4

 ABCDBE

Harmonies

Analogous

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



914392



AB3368



AC393D

Triad

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



AB3368



4F6A00



0071AA

Complementary

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



AB3368



33AB76

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.



007587



AB3368



00712E

Square

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



AB3368



795E00



00755B



0068B9

Rectangle

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



AB3368



A24522



00755B



0073A0

Sweetspot

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



AB3368



DEAFC4



7533AB



705461



F0F0F0



707070

Same Dimension

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



AB3368



DE2376



AB3933



574E52



960042



17000A

Inverse Universe

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



AB3368



DE2376



33A5AB



574E52



960042



17000A

Previews

White Background



This preview shows how the Hex color AB3368 looks on a white background.

Color Contrast Check

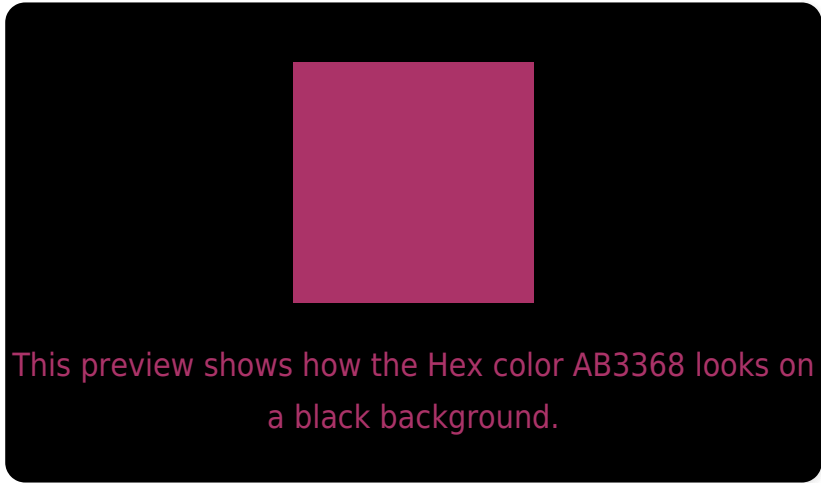
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB3368 Background



This preview shows how black text looks on a background with the Hex color AB3368.




This preview shows how white text looks on a background with the Hex color AB3368.

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
A83D40

Trichromacy



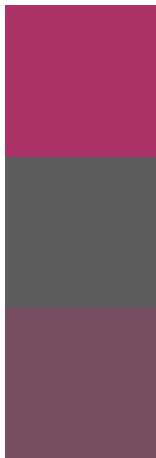
Original Color
AB3368

Protanomaly
76507A

Deuteranomaly
834F64

Tritanomaly
A9394F

Monochromacy



Original Color
AB3368

Achromatopsia
5D5D5D

Achromatomaly
794E61

CSS Examples

Text

The CSS property to change the color of the text to Hex AB3368 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 #AB3368 looks like.

```
.text, #text, p{  
    color:#AB3368  
}
```

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 #AB3368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB3368
}
```

Border

The CSS property to change the border of an element to Hex AB3368 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
#AB3368 }
```

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

```
.border{ border-color:#AB3368 }
```

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

Here you see how a box with a 4 pixel #AB3368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB3368; -webkit-box-shadow:4px 4px  
4px 4px #AB3368; box-shadow:4px 4px 4px  
4px #AB3368 }
```

Background

The CSS property to change the background color of an element to Hex AB3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB3368 }
```

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

```
.background{ background-color:#AB3368 }
```

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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