

Converting Colors

Hex(AB335B)

Have a look what the booklet for
Hex(AB335B) contains.

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Color

Hex(AB335B)

Conversions

Conversions Part 1

Format	Color
Hex	AB335B
RGB	171, 51, 91
RGB Percent	67%, 20%, 36%
CMY	0.3294, 0.8000, 0.6431
CMYK	0.00, 0.70, 0.47, 0.33
HSL	340°, 54%, 44%
HSV	340°, 70%, 67%
XYZ	19.8667, 11.7809, 11.1244
YIQ	91.4400, 58.6800, 37.8800

Conversions

Conversions Part 2

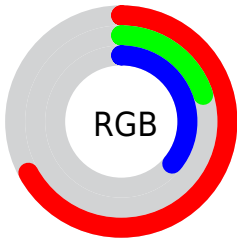
Format	Color
R_{YB}	171, 51, 91
Decimal	11219803
CIE Lab	40.87, 51.62, 4.55
CIE LCh	41, 51.822, 5.033
Yxy	11.7809, 0.4645, 0.2754
Android (android.graphics.Color)	4289409883 (0xFFAB335B)
YUV	91.4400, -0.2169, 69.7741
Hunter-Lab	34.3233, 43.2520, 4.8101

Details

The Hex color **AB335B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **33AB83**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **E66A8D**, and **71002E** is the 20% darker color. If you saturate the color by 10%, you get **AB2250**, and if you desaturate by 10%, it is **AB4466**.

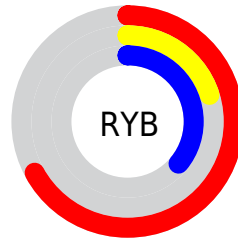
Distribution



Red (67%)

Green (20%)

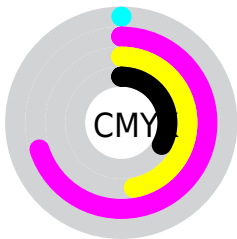
Blue (36%)



Red (67%)

Yellow (20%)

Blue (36%)

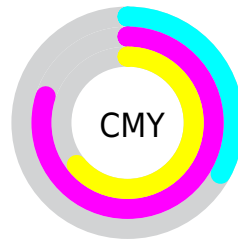


Cyan (0%)

Magenta (70%)

Yellow (47%)

Black (33%)



Cyan (33%)

Magenta (80%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB335B 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 AB335B by changing the saturation by 10% instead.

 AB335B

 AB335B

FFFFFF

 8E1244

 E66A8D

 71002E

 FF85A7

 550019

 FFA1C2

 3C0002

 FFBDDE

 190001

 FFDAFB

 000000

 FFF7FF

 AB335B

 AB335B

 AB2250

 AB4466

 AB1144

 AB5572

 AB0039

 AB667D

 AB7789

 AB8894

 AB9A9F

 ABABAB

 ABBCB6

 ABCDC2

Harmonies

Analogous

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



983D85



AB335B



A63E32

Triad

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



AB335B



416B0F



006EAD

Complementary

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



AB335B



33AB83

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.



007390



AB335B



00713A

Square

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



AB335B



6E6100



007467



0063B5

Rectangle

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



AB335B



994A19



007467



0070A6

Sweetspot

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



AB335B



DEAFBF



8333AB



70545E



F0F0F0



707070

Same Dimension

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



AB335B



DE2362



AB4733



574E51



960032



170008

Inverse Universe

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



AB335B



DE2362



3397AB



574E51



960032



170008

Previews

White Background



This preview shows how the Hex color AB335B looks on a white background.

Color Contrast Check

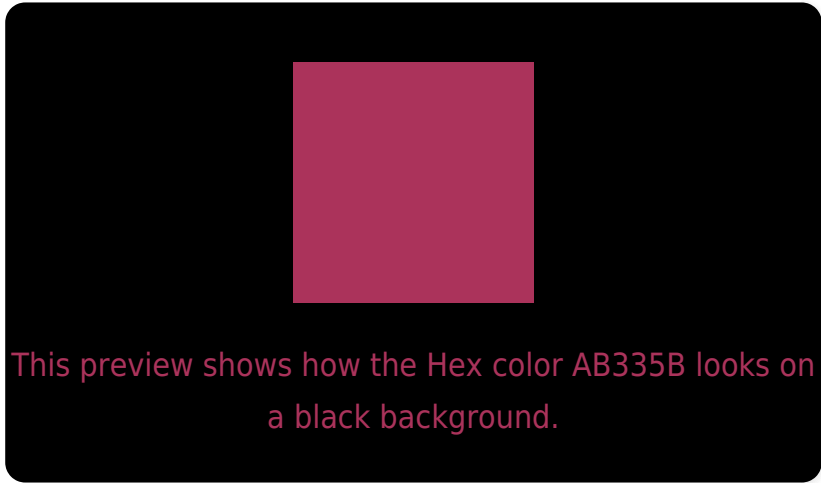
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB335B Background



This preview shows how black text looks on a background with the Hex color AB335B.

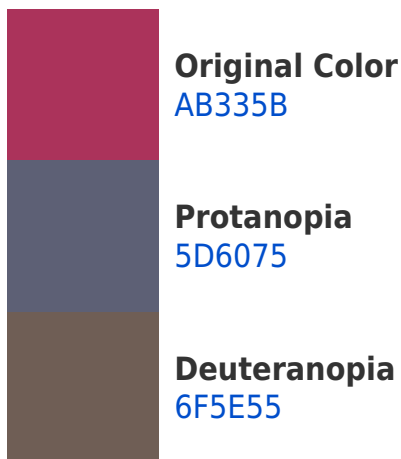


This preview shows how white text looks on a background with the Hex color AB335B.

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



Trichromacy



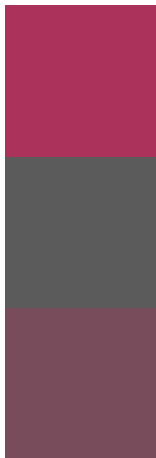
Original Color
AB335B

Protanomaly
79506C

Deuteranomaly
854E57

Tritanomaly
AA3748

Monochromacy



Original Color
AB335B

Achromatopsia
5B5B5B

Achromatomaly
784C5B

CSS Examples

Text

The CSS property to change the color of the text to Hex AB335B 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 #AB335B looks like.

```
.text, #text, p{  
    color:#AB335B  
}
```

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 #AB335B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB335B
}
```

Border

The CSS property to change the border of an element to Hex AB335B 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
#AB335B }
```

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

```
.border{ border-color:#AB335B }
```

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

Here you see how a box with a 4 pixel #AB335B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB335B; -webkit-box-shadow:4px 4px  
4px 4px #AB335B; box-shadow:4px 4px 4px  
4px #AB335B }
```

Background

The CSS property to change the background color of an element to Hex AB335B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB335B }
```

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

```
.background{ background-color:#AB335B }
```

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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