

# Converting Colors

Hex(AB3A50)

Have a look what the booklet for  
Hex(AB3A50) contains.

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# Color

**Hex(AB3A50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB3A50
RGB	171, 58, 80
RGB Percent	67%, 23%, 31%
CMY	0.3294, 0.7725, 0.6863
CMYK	0.00, 0.66, 0.53, 0.33
HSL	348°, 49%, 45%
HSV	348°, 66%, 67%
XYZ	19.7556, 12.2632, 8.9152
YIQ	94.2950, 60.2860, 30.7980

# Conversions

## Conversions Part 2

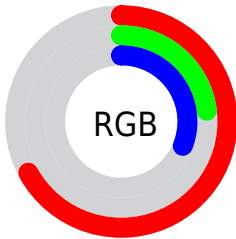
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 58, 80
Decimal	11221584
CIE Lab	41.63, 47.77, 12.52
CIE LCh	42, 49.380, 14.685
Yxy	12.2632, 0.4826, 0.2996
Android (android.graphics.Color)	4289411664 (0xFFAB3A50)
YUV	94.2950, -7.0474, 67.2703
Hunter-Lab	35.0189, 39.4162, 9.4190

# Details

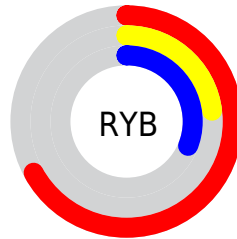
The Hex color **AB3A50** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3AAB95**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **E76F81**, and **710024** is the 20% darker color. If you saturate the color by 10%, you get **AB2942**, and if you desaturate by 10%, it is **AB4B5E**.

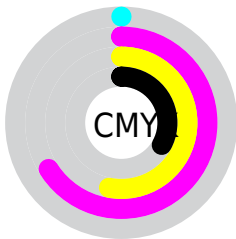
# Distribution



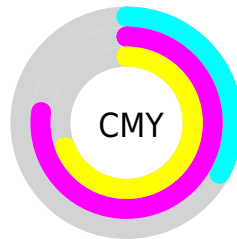
- Red (67%)
- Green (23%)
- Blue (31%)



- Red (67%)
- Yellow (23%)
- Blue (31%)



- Cyan (0%)
- Magenta (66%)
- Yellow (53%)
- Black (33%)



- Cyan (33%)
- Magenta (77%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB3A50 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 AB3A50 by changing the saturation by 10% instead.



 AB3A50

 AB3A50

FFFFFF

 8E1D39

 E76F81

 710024

 FF8B9B

 55000F

 FFA6B6

 3B0001

 FFC2D1

 180001

 FFDCEE

 000000

 FFFCFF

 AB3A50

 AB3A50

 AB2942

 AB4B5E

 AB1834

 AB5C6C

 AB0727

 AB6D79

 AB0021

 AB7E87

 AB8F95

 ABA1A3

 ABB2B0

 ABC3BE

 ABD4CC

# Harmonies

## Analogous

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



A13D79



AB3A50



A1472A

# Triad

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



AB3A50



346F24



006DB1

# Complementary

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



AB3A50



3AAB95

# 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.



00739B



AB3A50



00744B

# Square

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



AB3A50



636601



007576



3360B1

# Rectangle

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



AB3A50



915314



007576



006FAB



# Sweetspot

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



AB3A50



DEB1BA



943AAB



70555B



F0F0F0



707070



# Same Dimension

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



AB3A50



DE2F51



AB5C3A



574E50



96001D



170004



# Inverse Universe

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



AB3A50



DE2F51



3A89AB



574E50



96001D



170004



# Previews

## White Background



This preview shows how the Hex color AB3A50 looks on a white background.

## Color Contrast Check

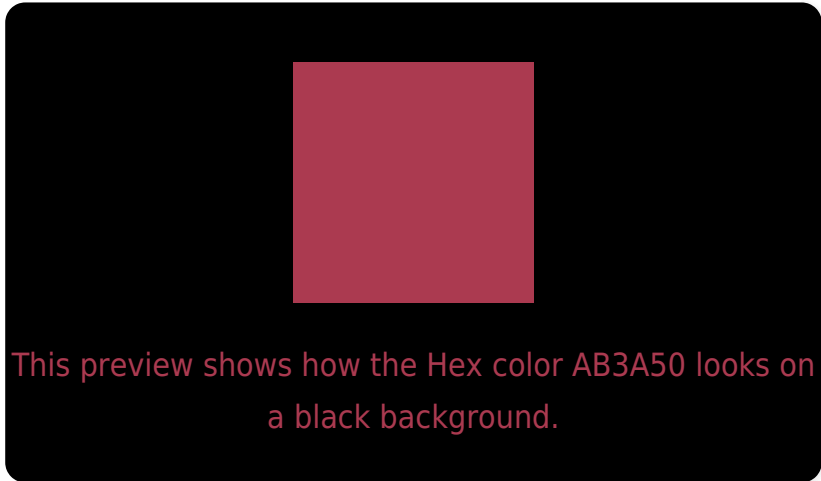
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB3A50 Background



This preview shows how black text looks on a background with the Hex color AB3A50.



This preview shows how white text looks on a background with the Hex color AB3A50.

# 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



**Original Color**  
AB3A50

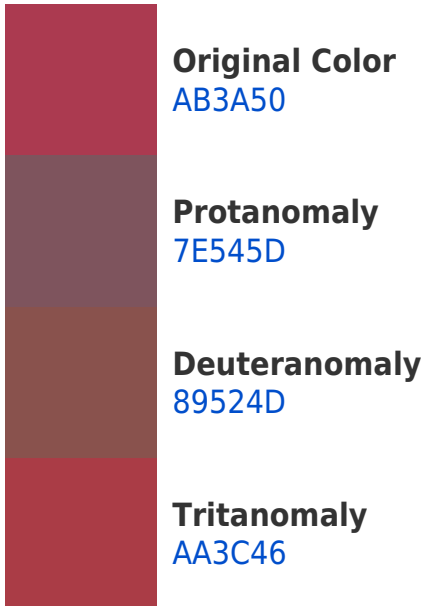
**Protanopia**  
646364

**Deuteranopia**  
755F4B

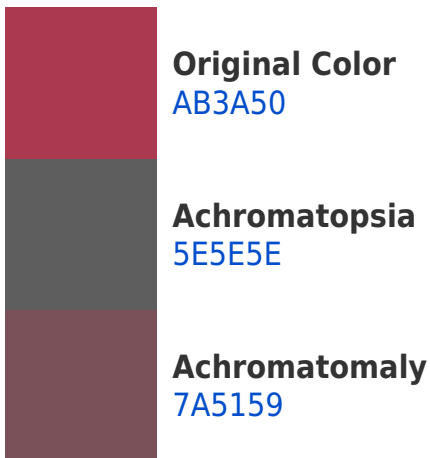


**Tritanopia**  
AA3D41

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB3A50 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 #AB3A50 looks like.

```
.text, #text, p{  
    color:#AB3A50  
}
```

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 #AB3A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB3A50
}
```

## Border

The CSS property to change the border of an element to Hex AB3A50 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
#AB3A50 }
```

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

```
.border{ border-color:#AB3A50 }
```

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

Here you see how a box with a 4 pixel #AB3A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB3A50; -webkit-box-shadow:4px 4px  
4px 4px #AB3A50; box-shadow:4px 4px 4px  
4px #AB3A50 }
```

# Background

The CSS property to change the background color of an element to Hex AB3A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB3A50 }
```

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

```
.background{ background-color:#AB3A50 }
```

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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