

# Converting Colors

Hex(AB3D5B)

Have a look what the booklet for  
Hex(AB3D5B) contains.

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# Color

Hex(**AB3D5B**)

# Conversions

## Conversions Part 1

Format	Color
Hex	AB3D5B
RGB	171, 61, 91
RGB Percent	67%, 24%, 36%
CMY	0.3294, 0.7608, 0.6431
CMYK	0.00, 0.64, 0.47, 0.33
HSL	344°, 47%, 45%
HSV	344°, 64%, 67%
XYZ	20.3517, 12.7507, 11.2860
YIQ	97.3100, 55.9300, 32.6500

# Conversions

## Conversions Part 2

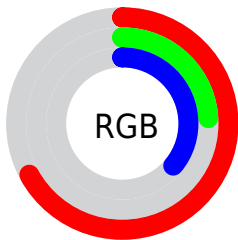
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 61, 91
Decimal	11222363
CIE <sub>Lab</sub>	42.39, 47.47, 6.72
CIE <sub>LCh</sub>	42, 47.940, 8.053
Yxy	12.7507, 0.4585, 0.2873
Android (android.graphics.Color)	4289412443 (0xFFAB3D5B)
YUV	97.3100, -3.1108, 64.6261
Hunter-Lab	35.7082, 39.2456, 6.2564

# Details

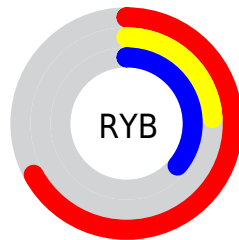
The Hex color **AB3D5B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3DAB8D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **E6728D**, and **72002E** is the 20% darker color. If you saturate the color by 10%, you get **AB2C4F**, and if you desaturate by 10%, it is **AB4E67**.

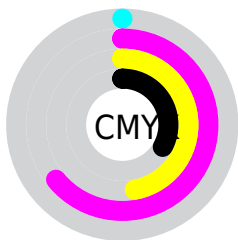
# Distribution



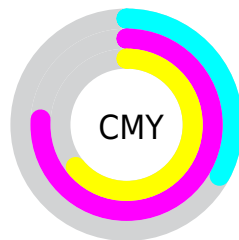
- Red (67%)
- Green (24%)
- Blue (36%)



- Red (67%)
- Yellow (24%)
- Blue (36%)



- Cyan (0%)
- Magenta (64%)
- Yellow (47%)
- Black (33%)



- Cyan (33%)
- Magenta (76%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB3D5B 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 AB3D5B by changing the saturation by 10% instead.



 AB3D5B

 AB3D5B

FFFFFF

 8E2144

 E6728D

 72002E

 FF8DA7

 560019

 FFA9C2

 3D0001

 FFC5DE

 1C0001

 FFE2FB

 000000

 AB3D5B

 AB3D5B

 AB2C4F

 AB4E67

 AB1B42

 AB5F74

 AB0A36

 AB7080

 AB002F

 AB818D

 AB9299

 ABA4A6

 ABB5B2

 ABC6BE

 ABD7CB

# Harmonies

## Analogous

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



9C4482



AB3D5B



A54735

# Triad

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



AB3D5B



446F20



0070AD

# Complementary

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



AB3D5B



3DAB8D

# 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.



007694



AB3D5B



007545

# Square

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



AB3D5B



6E6606



00776E



1765B3

# Rectangle

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



AB3D5B



98521F



00776E



0072A7



# Sweetspot

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



AB3D5B



DEB4BF



8C3DAB



70565D



F0F0F0



707070



# Same Dimension

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



AB3D5B



DE3362



AB553D



574E50



960029



170006



# Inverse Universe

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



AB3D5B



DE3362



3D93AB



574E50



960029

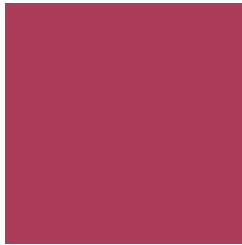


170006



# Previews

## White Background



This preview shows how the Hex color AB3D5B looks on a white background.

## Color Contrast Check

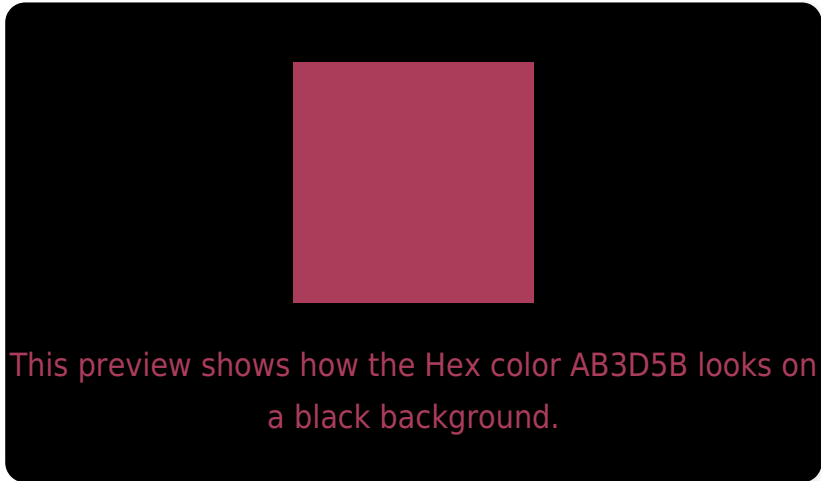
Large Text (above 18pt) WCAG AA ✓ Pass

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

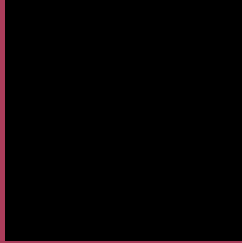
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AB3D5B Background



This preview shows how black text looks on a background with the Hex color AB3D5B.



This preview shows how white text looks on a background with the Hex color AB3D5B.

# 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**  
AB3D5B

**Protanopia**  
636471

**Deuteranopia**  
746156



# Trichromacy



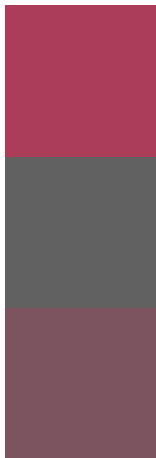
**Original Color**  
AB3D5B

**Protanomaly**  
7D5669

**Deuteranomaly**  
885458

**Tritanomaly**  
AA404D

# Monochromacy



**Original Color**  
AB3D5B

**Achromatopsia**  
616161

**Achromatomaly**  
7C545F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB3D5B 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 #AB3D5B looks like.

```
.text, #text, p{  
    color:#AB3D5B  
}
```

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 #AB3D5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB3D5B
}
```

## Border

The CSS property to change the border of an element to Hex AB3D5B 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
#AB3D5B }
```

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

```
.border{ border-color:#AB3D5B }
```

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

Here you see how a box with a 4 pixel #AB3D5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB3D5B; -webkit-box-shadow:4px 4px  
4px 4px #AB3D5B; box-shadow:4px 4px 4px  
4px #AB3D5B }
```

# Background

The CSS property to change the background color of an element to Hex AB3D5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB3D5B }
```

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

```
.background{ background-color:#AB3D5B }
```

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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