

# Converting Colors

Hex(AB2C63)

Have a look what the booklet for  
Hex(AB2C63) contains.

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# Color

**Hex(AB2C63)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB2C63
RGB	171, 44, 99
RGB Percent	67%, 17%, 39%
CMY	0.3294, 0.8275, 0.6118
CMYK	0.00, 0.74, 0.42, 0.33
HSL	334°, 59%, 42%
HSV	334°, 74%, 67%
XYZ	19.9474, 11.3601, 12.9458
YIQ	88.2430, 58.0370, 44.0290

# Conversions

## Conversions Part 2

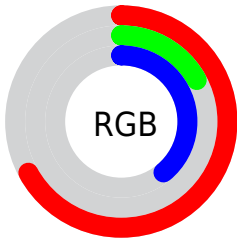
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 44, 99
Decimal	11218019
CIE <sub>Lab</sub>	40.18, 54.98, -1.48
CIE <sub>LCh</sub>	40, 54.997, 358.456
Yxy	11.3601, 0.4508, 0.2567
Android (android.graphics.Color)	4289408099 (0xFFAB2C63)
YUV	88.2430, 5.3032, 72.5779
Hunter-Lab	33.7048, 46.6576, 0.8205

# Details

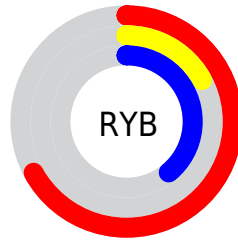
The Hex color **AB2C63** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2CAB74**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **E66596**, and **720035** is the 20% darker color. If you saturate the color by 10%, you get **AB1B59**, and if you desaturate by 10%, it is **AB3D6D**.

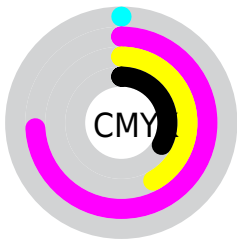
# Distribution



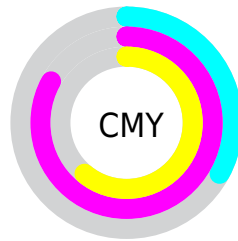
- Red (67%)
- Green (17%)
- Blue (39%)



- Red (67%)
- Yellow (17%)
- Blue (39%)



- Cyan (0%)
- Magenta (74%)
- Yellow (42%)
- Black (33%)



- Cyan (33%)
- Magenta (83%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB2C63 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 AB2C63 by changing the saturation by 10% instead.



 AB2C63

 AB2C63

FFFFFF

 8E024B

 E66596

 720035

 FF80B0

 550020

 FF9CCC

 3D0007

 FFB8E8

 190001

 FFD5FF

 000000

 FFF2FF

 AB2C63

 AB2C63

 AB1B59

 AB3D6D

 AB0A50

 AB4E76

 AB004A

 AB5F80

 AB708A

 AB8193

 AB939D

 ABA4A7

 ABB5B1

 ABC6BA

# Harmonies

## Analogous

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



923D8E



AB2C63



AB3437

# Triad

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



AB2C63



496800



006FAB

# Complementary

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



AB2C63



2CAB74

# 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.



007388



AB2C63



006F2C

# Square

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



AB2C63



755C00



00725B



0065B9

# Rectangle

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



AB2C63



9F421B



00725B



0071A1



# Sweetspot

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



AB2C63



DEADC2



742CAB



705360



F0F0F0



707070



# Same Dimension

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



AB2C63



DE186E



AB342C



574E52



960041



17000A



# Inverse Universe

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



AB2C63



DE186E



2CA3AB



574E52



960041



17000A



# Previews

## White Background



This preview shows how the Hex color AB2C63 looks on a white background.

## Color Contrast Check

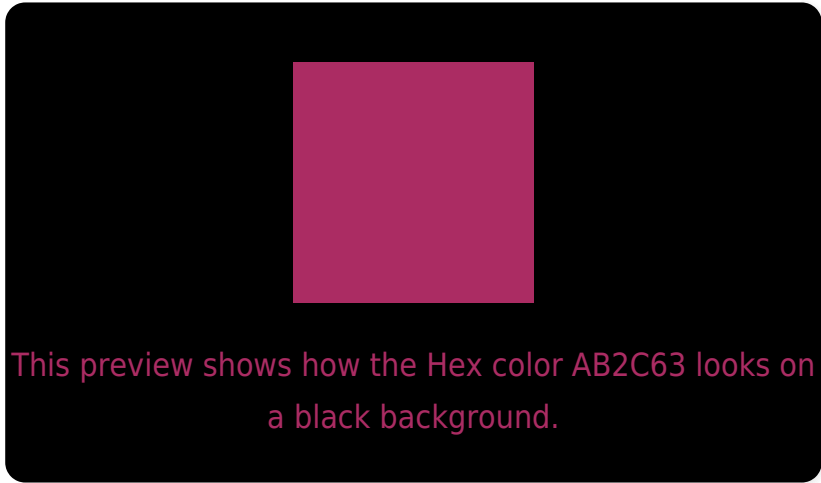
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB2C63 Background



This preview shows how black text looks on a background with the Hex color AB2C63.




This preview shows how white text looks on a background with the Hex color AB2C63.

# 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**  
A8373A

# Trichromacy



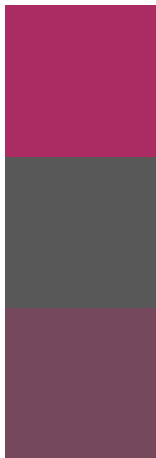
**Original Color**  
AB2C63

**Protanomaly**  
744C77

**Deuteranomaly**  
824B5F

**Tritanomaly**  
A93349

# Monochromacy



**Original Color**  
AB2C63

**Achromatopsia**  
585858

**Achromatomaly**  
76485C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB2C63 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 #AB2C63 looks like.

```
.text, #text, p{  
    color:#AB2C63  
}
```

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 #AB2C63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB2C63  
}
```

## Border

The CSS property to change the border of an element to Hex AB2C63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

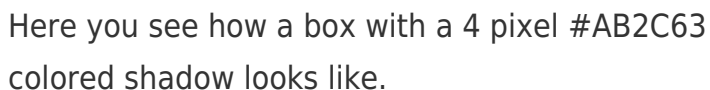
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AB2C63 }
```

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

```
.border{ border-color:#AB2C63 }
```

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



Here you see how a box with a 4 pixel #AB2C63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB2C63; -webkit-box-shadow:4px 4px  
4px 4px #AB2C63; box-shadow:4px 4px 4px  
4px #AB2C63 }
```

# Background

The CSS property to change the background color of an element to Hex AB2C63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB2C63 }
```

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

```
.background{ background-color:#AB2C63 }
```

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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