

# Converting Colors

Hex(AB2C70)

Have a look what the booklet for  
Hex(AB2C70) contains.

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# Color

**Hex(AB2C70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB2C70
RGB	171, 44, 112
RGB Percent	67%, 17%, 44%
CMY	0.3294, 0.8275, 0.5608
CMYK	0.00, 0.74, 0.35, 0.33
HSL	328°, 59%, 42%
HSV	328°, 74%, 67%
XYZ	20.6199, 11.6291, 16.4871
YIQ	89.7250, 53.8640, 48.0720

# Conversions

## Conversions Part 2

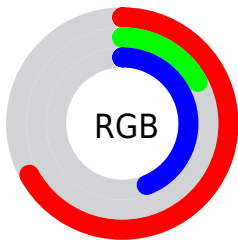
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 44, 112
Decimal	11218032
CIE Lab	40.62, 56.38, -8.98
CIE LCh	41, 57.093, 350.952
Yxy	11.6291, 0.4231, 0.2386
Android (android.graphics.Color)	4289408112 (0xFFAB2C70)
YUV	89.7250, 10.9816, 71.2782
Hunter-Lab	34.1015, 48.2545, -4.7939

# Details

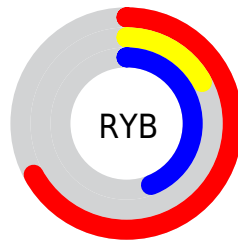
The Hex color **AB2C70** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **2CAB67**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **E665A4**, and **720040** is the 20% darker color. If you saturate the color by 10%, you get **AB1B68**, and if you desaturate by 10%, it is **AB3D78**.

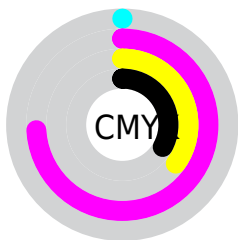
# Distribution



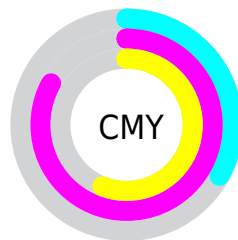
- Red (67%)
- Green (17%)
- Blue (44%)



- Red (67%)
- Yellow (17%)
- Blue (44%)



- Cyan (0%)
- Magenta (74%)
- Yellow (35%)
- Black (33%)



- Cyan (33%)
- Magenta (83%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB2C70 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 AB2C70 by changing the saturation by 10% instead.



 AB2C70

 AB2C70

FFFFFF

 8E0158

 E665A4

 720040

 FF81BF

 56002A

 FF9DDB

 3D0016

 FFB9F7

 1D0001

 FFD6FF

 000000

 FFF3FF

 AB2C70

 AB2C70

 AB1B68

 AB3D78

 AB0A60

 AB4E80

 AB005C

 AB5F88

 AB7090

 AB8198

 AB93A0

 ABA4A8

 ABB5B0

 ABC6B7

# Harmonies

## Analogous

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



89429B



AB2C70



B12E41

# Triad

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



AB2C70



556700



0072A8

# Complementary

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



AB2C70



2CAB67

# 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.



007580



AB2C70



05701F

# Square

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



AB2C70



805900



007450



006ABD

# Rectangle

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



AB2C70



A83C24



007450



00739C



# Sweetspot

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



AB2C70



DEADC7



652CAB



705363



F0F0F0



707070



# Same Dimension

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



AB2C70



DE1882



AB2C32



574E53



960051



17000C



# Inverse Universe

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



AB2C70



DE1882



2CABA5



574E53



960051



17000C



# Previews

## White Background



This preview shows how the Hex color AB2C70 looks on a white background.

## Color Contrast Check

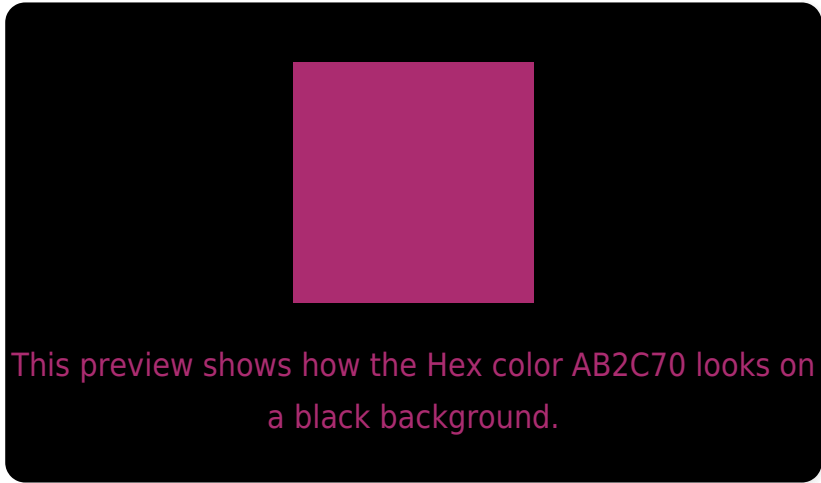
Large Text (above 18pt) WCAG AA ✓ Pass

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

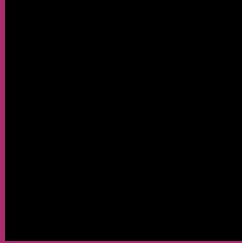
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AB2C70 Background



This preview shows how black text looks on a background with the Hex color AB2C70.



This preview shows how white text looks on a background with the Hex color AB2C70.

# 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**  
A73A3E

# Trichromacy



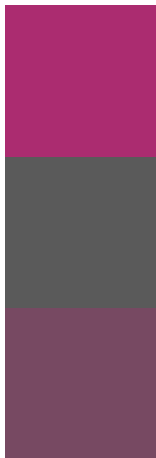
**Original Color**  
AB2C70

**Protanomaly**  
704C86

**Deuteranomaly**  
7F4C6C

**Tritanomaly**  
A83550

# Monochromacy



**Original Color**  
AB2C70

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
774962

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB2C70 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 #AB2C70 looks like.

```
.text, #text, p{  
    color:#AB2C70  
}
```

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 #AB2C70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB2C70
}
```

## Border

The CSS property to change the border of an element to Hex AB2C70 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
#AB2C70 }
```

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

```
.border{ border-color:#AB2C70 }
```

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

Here you see how a box with a 4 pixel #AB2C70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB2C70; -webkit-box-shadow:4px 4px  
4px 4px #AB2C70; box-shadow:4px 4px 4px  
4px #AB2C70 }
```

# Background

The CSS property to change the background color of an element to Hex AB2C70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB2C70 }
```

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

```
.background{ background-color:#AB2C70 }
```

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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