

# Converting Colors

Hex(AB4266)

Have a look what the booklet for  
Hex(AB4266) contains.

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# Color

**Hex(AB4266)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB4266
RGB	171, 66, 102
RGB Percent	67%, 26%, 40%
CMY	0.3294, 0.7412, 0.6000
CMYK	0.00, 0.61, 0.40, 0.33
HSL	339°, 44%, 46%
HSV	339°, 61%, 67%
XYZ	21.1411, 13.5137, 14.0645
YIQ	101.4990, 51.0240, 33.4560

# Conversions

## Conversions Part 2

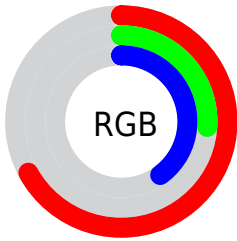
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 66, 102
Decimal	11223654
CIE <sub>Lab</sub>	43.53, 46.36, 1.53
CIE <sub>LCh</sub>	44, 46.389, 1.894
Yxy	13.5137, 0.4339, 0.2774
Android (android.graphics.Color)	4289413734 (0xFFAB4266)
YUV	101.4990, 0.2470, 60.9524
Hunter-Lab	36.7609, 38.3230, 3.0487

# Details

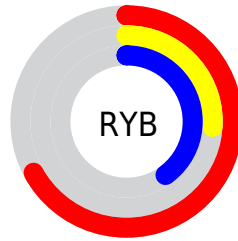
The Hex color **AB4266** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **42AB87**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **E67799**, and **730337** is the 20% darker color. If you saturate the color by 10%, you get **AB315B**, and if you desaturate by 10%, it is **AB5371**.

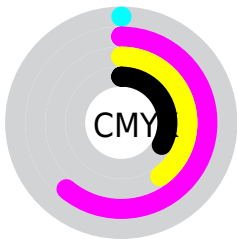
# Distribution



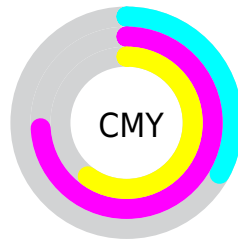
- Red (67%)
- Green (26%)
- Blue (40%)



- Red (67%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (61%)
- Yellow (40%)
- Black (33%)



- Cyan (33%)
- Magenta (74%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB4266 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 AB4266 by changing the saturation by 10% instead.



 AB4266

 AB4266

FFFFFF

 8F274E

 E67799

 730337

 FF92B4

 570022

 FFAECF

 3D000B

 FFCAEB

 200001

 FFE7FF

 000000

 AB4266

 AB4266

 AB315B

 AB5371

 AB2050

 AB647C

 AB0F44

 AB7588

 AB003B

 AB8693

 AB979E

 ABA9A9

 ABBAB5

 ABCBC0

 ABDCCB

# Harmonies

## Analogous

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



974B8C



AB4266



A94840

# Triad

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



AB4266



517020



0074AA

# Complementary

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



AB4266



42AB87

# 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.



00798E



AB4266



0C7641

# Square

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



AB4266



786610



007968



006AB4

# Rectangle

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



AB4266



9F522B



007968



0076A3



# Sweetspot

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



AB4266



DEB6C4



8642AB



705860



F0F0F0



707070



# Same Dimension

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



AB4266



DE3A72



AB5242



574E51



960034



170008



# Inverse Universe

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



AB4266



DE3A72



429BAB



574E51



960034



170008



# Previews

## White Background



This preview shows how the Hex color AB4266 looks on a white background.

## Color Contrast Check

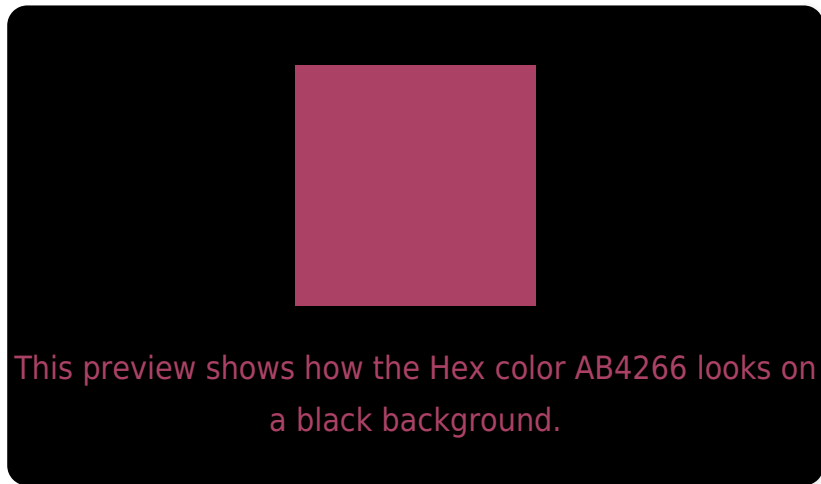
Large Text (above 18pt) WCAG AA ✓ Pass

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

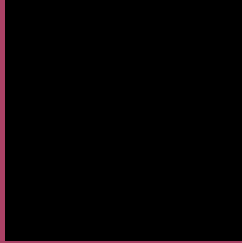
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AB4266 Background



This preview shows how black text looks on a background with the Hex color AB4266.

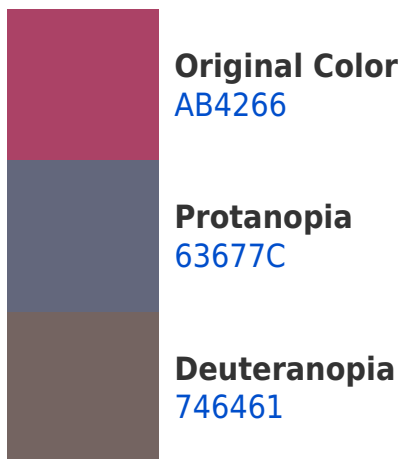


This preview shows how white text looks on a background with the Hex color AB4266.

# 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**  
A9474C

# Trichromacy



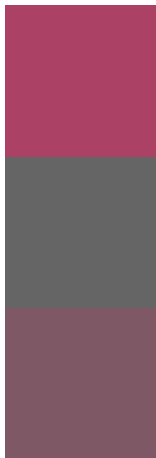
**Original Color**  
AB4266

**Protanomaly**  
7D5A74

**Deuteranomaly**  
885863

**Tritanomaly**  
AA4555

# Monochromacy



**Original Color**  
AB4266

**Achromatopsia**  
656565

**Achromatomaly**  
7E5865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB4266 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 #AB4266 looks like.

```
.text, #text, p{  
    color:#AB4266  
}
```

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 #AB4266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4266
}
```

## Border

The CSS property to change the border of an element to Hex AB4266 is called "border". The border property can be set on classes, ids or directly on the HTML element.

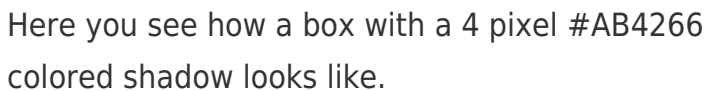
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB4266 }
```

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

```
.border{ border-color:#AB4266 }
```

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



Here you see how a box with a 4 pixel #AB4266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4266; -webkit-box-shadow:4px 4px  
4px 4px #AB4266; box-shadow:4px 4px 4px  
4px #AB4266 }
```

# Background

The CSS property to change the background color of an element to Hex AB4266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4266 }
```

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

```
.background{ background-color:#AB4266 }
```

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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