

# Converting Colors

Hex(BA2B6B)

Have a look what the booklet for  
Hex(BA2B6B) contains.

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# Color

**Hex(BA2B6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA2B6B
RGB	186, 43, 107
RGB Percent	73%, 17%, 42%
CMY	0.2706, 0.8314, 0.5804
CMYK	0.00, 0.77, 0.42, 0.27
HSL	333°, 62%, 45%
HSV	333°, 77%, 73%
XYZ	23.7674, 13.2284, 15.2106
YIQ	93.0530, 64.6840, 50.2200

# Conversions

## Conversions Part 2

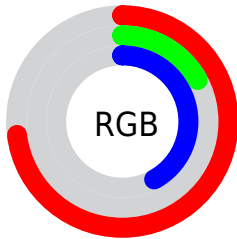
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 43, 107
Decimal	12200811
CIE Lab	43.11, 60.24, -1.87
CIE LCh	43, 60.270, 358.223
Yxy	13.2284, 0.4553, 0.2534
Android (android.graphics.Color)	4290390891 (0xFFBA2B6B)
YUV	93.0530, 6.8759, 81.5145
Hunter-Lab	36.3709, 52.9961, 0.6641

# Details

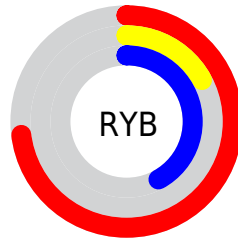
The Hex color **BA2B6B** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **2BBA7A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **F6669E**, and **7F003C** is the 20% darker color. If you saturate the color by 10%, you get **BA1861**, and if you desaturate by 10%, it is **BA3E75**.

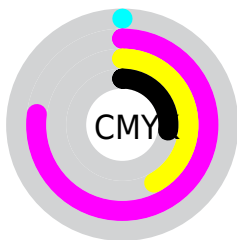
# Distribution



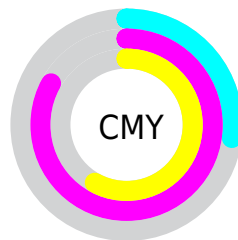
- Red (73%)
- Green (17%)
- Blue (42%)



- Red (73%)
- Yellow (17%)
- Blue (42%)



- Cyan (0%)
- Magenta (77%)
- Yellow (42%)
- Black (27%)



- Cyan (27%)
- Magenta (83%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA2B6B 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 BA2B6B by changing the saturation by 10% instead.



 BA2B6B

 BA2B6B

FFFFFF

 9C0053

 F6669E

 7F003C

 FF83B9

 630026

 FF9FD5

 470012

 FFBBF1

 2B0001

 FFD8FF

 000000

 FFF6FF

 BA2B6B

 BA2B6B

 BA1861

 BA3E75

 BA0656

 BA5080

 BA0053

 BA638A

 BA7594

 BA889E

 BA9BA9

 BAADB3

 BAC0BD

 BAD2C7

# Harmonies

## Analogous

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



9E409B



BA2B6B



BA353A

# Triad

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



BA2B6B



4D7000



0078BB

# Complementary

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



BA2B6B



2BBA7A

# 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.



007C94



BA2B6B



00782D

# Square

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



BA2B6B



7E6300



007B61



006DCA

# Rectangle

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



BA2B6B



AD451A



007B61



007AB0



# Sweetspot

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



BA2B6B



F2BBD3



7A2BBA



7A5867



FAFAFA



7A7A7A



# Same Dimension

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



BA2B6B



F21377



BA322B



5C5357



9C0046



1C000D



# Inverse Universe

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



BA2B6B



F21377



2BB3BA



5C5357



9C0046



1C000D



# Previews

## White Background



This preview shows how the Hex color BA2B6B looks on a white background.

## Color Contrast Check

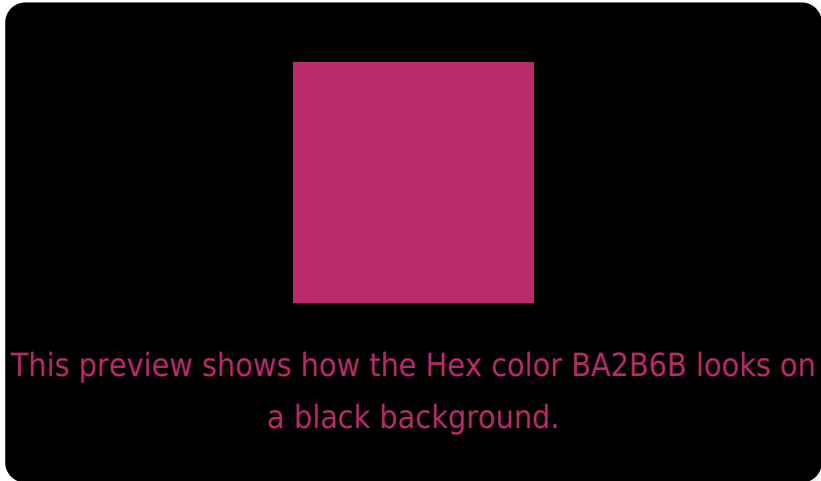
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA2B6B Background



This preview shows how black text looks on a background with the Hex color BA2B6B.

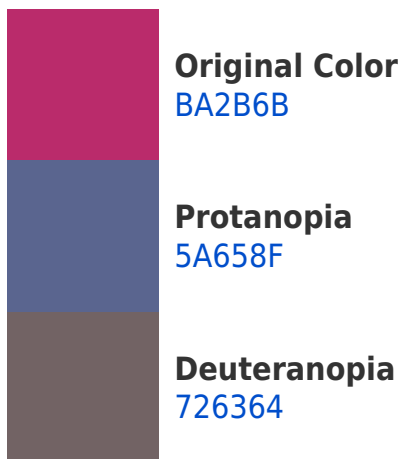


This preview shows how white text looks on a background with the Hex color BA2B6B.

# 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**  
B7383B

# Trichromacy



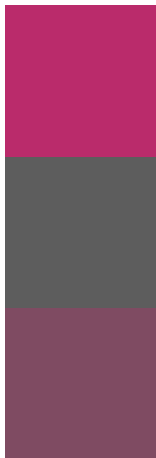
**Original Color**  
BA2B6B

**Protanomaly**  
7D5082

**Deuteranomaly**  
8C4F67

**Tritanomaly**  
B8334C

# Monochromacy



**Original Color**  
BA2B6B

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
7F4B62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA2B6B 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 #BA2B6B looks like.

```
.text, #text, p{  
    color:#BA2B6B  
}
```

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 #BA2B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA2B6B
}
```

## Border

The CSS property to change the border of an element to Hex BA2B6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

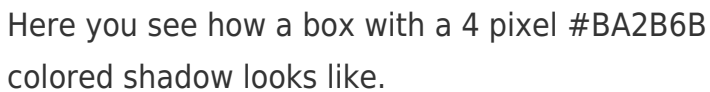
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA2B6B }
```

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

```
.border{ border-color:#BA2B6B }
```

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



Here you see how a box with a 4 pixel #BA2B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA2B6B; -webkit-box-shadow:4px 4px  
4px 4px #BA2B6B; box-shadow:4px 4px 4px  
4px #BA2B6B }
```

# Background

The CSS property to change the background color of an element to Hex BA2B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA2B6B }
```

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

```
.background{ background-color:#BA2B6B }
```

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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