

# Converting Colors

Hex(B461A2)

Have a look what the booklet for  
Hex(B461A2) contains.

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# **Color**

**Hex(B461A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B461A2
RGB	180, 97, 162
RGB Percent	71%, 38%, 64%
CMY	0.2941, 0.6196, 0.3647
CMYK	0.00, 0.46, 0.10, 0.29
HSL	313°, 36%, 54%
HSV	313°, 46%, 71%
XYZ	29.6187, 20.8613, 36.6480
YIQ	129.2270, 28.6030, 37.8110

# Conversions

## Conversions Part 2

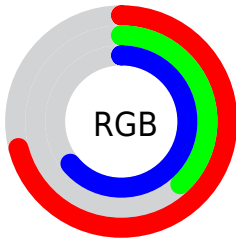
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 97, 162
Decimal	11821474
CIE <sub>Lab</sub>	52.80, 42.44, -20.51
CIE <sub>LCh</sub>	53, 47.137, 334.214
Yxy	20.8613, 0.3399, 0.2394
Android (android.graphics.Color)	4290011554 (0xFFB461A2)
YUV	129.2270, 16.1571, 44.5279
Hunter-Lab	45.6742, 35.8233, -15.6011

# Details

The Hex color **B461A2** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **61B473**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **ED96D9**, and **7D2E6E** is the 20% darker color. If you saturate the color by 10%, you get **B44F9E**, and if you desaturate by 10%, it is **B473A6**.

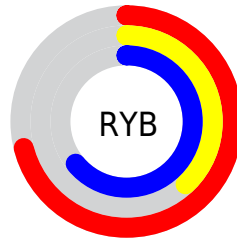
# Distribution



Red (71%)

Green (38%)

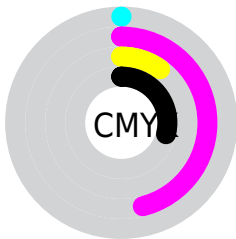
Blue (64%)



Red (71%)

Yellow (38%)

Blue (64%)

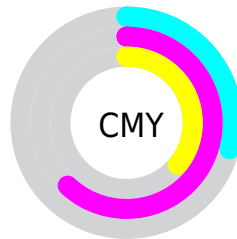


Cyan (0%)

Magenta (46%)

Yellow (10%)

Black (29%)



Cyan (29%)

Magenta (62%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B461A2 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 B461A2 by changing the saturation by 10% instead.



 B461A2

 B461A2

FFFFFF

 984788

 ED96D9

 7D2E6E

 FFB1F6

 631256

 FFCDFE

 49003E

 FFEAFF

 320028

 120012

 000000

 B461A2

 B461A2

 B44F9E

 B473A6

 B43D9A

 B485AA

 B42B96

 B497AE

 B41992

 B4A9B2

 B4078E

 B4BBB6

 B4008D

 B4CDB9

 B4DFBD

 B4F1C1

 B4FFC5

# Harmonies

## Analogous

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



8871C1



B461A2



C85A7A

# Triad

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



B461A2



8F7E28



0091AA

# Complementary

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



B461A2



61B473

# 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.



009283



B461A2



658937

# Square

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



B461A2



B06F34



268F59



008BC6

# Rectangle

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



B461A2



C85D5F



268F59



00929E



# Sweetspot

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



B461A2



EBCAE3



7361B4



756171



F5F5F5



757575



# Same Dimension

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



B461A2



EB6ACF



B46179



595057



990078



1A0014



# Inverse Universe

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



B461A2



EB6ACF



61B49C



595057



990078



1A0014



# Previews

## White Background



This preview shows how the Hex color B461A2 looks on a white background.

## Color Contrast Check

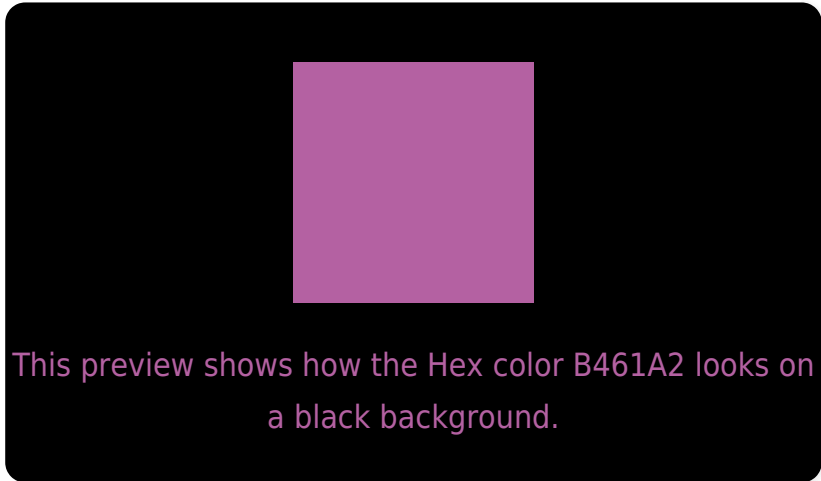
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



## Hex B461A2 Background



This preview shows how black text looks on a background with the Hex color B461A2.

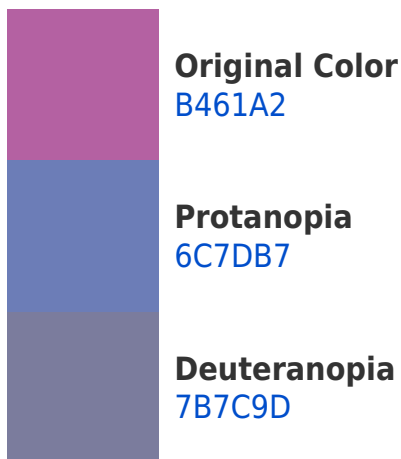



This preview shows how white text looks on a background with the Hex color B461A2.

# 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](#).

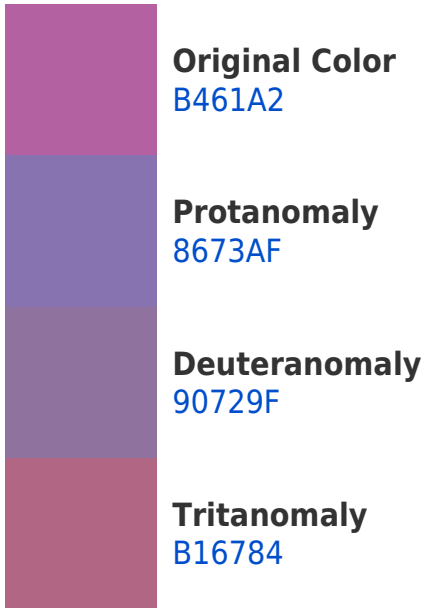
## Dichromacy



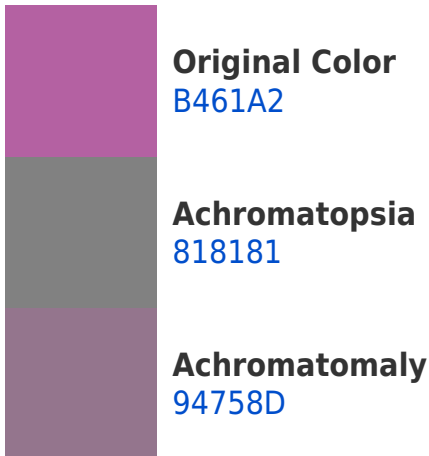


**Tritanopia**  
AF6B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B461A2 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 #B461A2 looks like.

```
.text, #text, p{  
    color:#B461A2  
}
```

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 #B461A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B461A2
}
```

## Border

The CSS property to change the border of an element to Hex B461A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

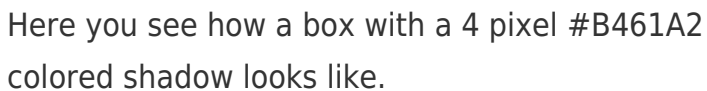
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B461A2 }
```

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

```
.border{ border-color:#B461A2 }
```

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



Here you see how a box with a 4 pixel #B461A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B461A2; -webkit-box-shadow:4px 4px  
4px 4px #B461A2; box-shadow:4px 4px 4px  
4px #B461A2 }
```

# Background

The CSS property to change the background color of an element to Hex B461A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B461A2 }
```

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

```
.background{ background-color:#B461A2 }
```

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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