

# Converting Colors

Hex(B161A9)

Have a look what the booklet for  
Hex(B161A9) contains.

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**Color**

**Hex(B161A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B161A9
RGB	177, 97, 169
RGB Percent	69%, 38%, 66%
CMY	0.3059, 0.6196, 0.3373
CMYK	0.00, 0.45, 0.05, 0.31
HSL	306°, 34%, 54%
HSV	306°, 45%, 69%
XYZ	29.5676, 20.7611, 39.9850
YIQ	129.1280, 24.5680, 39.3520

# Conversions

## Conversions Part 2

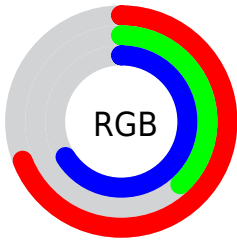
Format	Color
R <sub>Y</sub> B	177, 97, 169
Decimal	11624873
CIE Lab	52.69, 42.72, -24.80
CIE LCh	53, 49.398, 329.870
Yxy	20.7611, 0.3274, 0.2299
Android (android.graphics.Color)	4289814953 (0xFFB161A9)
YUV	129.1280, 19.6569, 41.9837
Hunter-Lab	45.5643, 36.0946, -20.1350

# Details

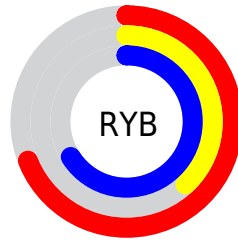
The Hex color **B161A9** is a light color, and the websafe version is hex **996699**. A complement of this color would be **61B169**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **EA96E0**, and **7A2E75** is the 20% darker color. If you saturate the color by 10%, you get **B14FA7**, and if you desaturate by 10%, it is **B173AB**.

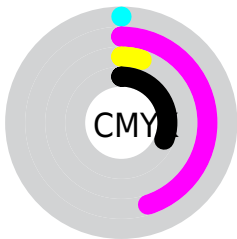
# Distribution



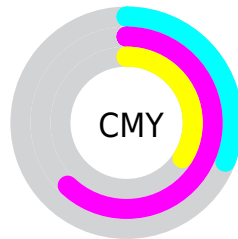
- Red (69%)
- Green (38%)
- Blue (66%)



- Red (69%)
- Yellow (38%)
- Blue (66%)



- Cyan (0%)
- Magenta (45%)
- Yellow (5%)
- Black (31%)




- Cyan (31%)
- Magenta (62%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B161A9 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 B161A9 by changing the saturation by 10% instead.



 B161A9

 B161A9

FFFFFF

 95478E

 EA96E0

 7A2E75

 FFB1FD

 60125C

 FFCDFD

 470044

 FFEAFF

 30002E

 0F0018

 000000

 B161A9

 B161A9

 B14FA7

 B173AB

 B13EA5

 B184AD

 B12CA4

 B196AE

 B11AA2

 B1A8B0

 B108A0

 B1BAB2

 B1009F

 B1CBB4

 B1DDB5

 B1EFB7

 B1FFB9

# Harmonies

## Analogous

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



7E73C8



B161A9



C95780

# Triad

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



B161A9



957C22



0092A7

# Complementary

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



B161A9



61B169

# 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.



00927C



B161A9



6A882F

# Square

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



B161A9



B66C34



2D8F51



008DC7

# Rectangle

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



B161A9



CB5963



2D8F51



009299



# Sweetspot

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



B161A9



E6C5E2



6961B1



735F71



F2F2F2



737373



# Same Dimension

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



B161A9



E66AD9



B16181



595058



99008A



1A0017



# Inverse Universe

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



B161A9



E66AD9



61B191



595058



99008A



1A0017



# Previews

## White Background



This preview shows how the Hex color B161A9 looks on a white background.

## Color Contrast Check

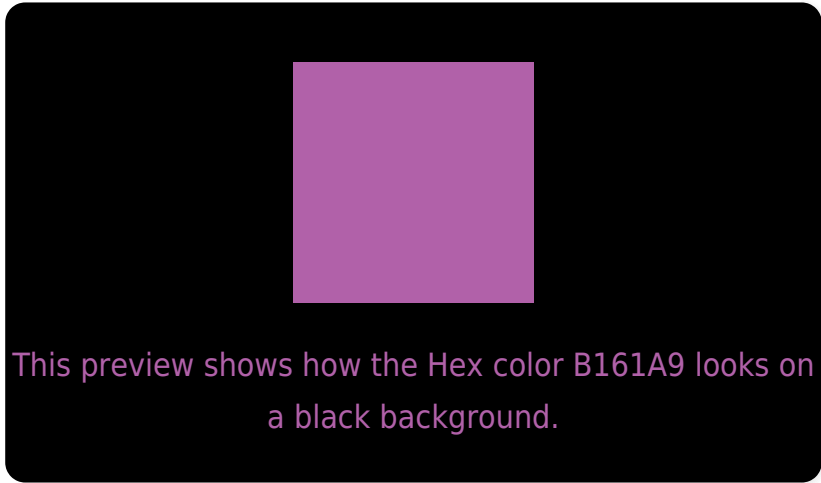
Large Text (above 18pt) WCAG AA ✓ Pass

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

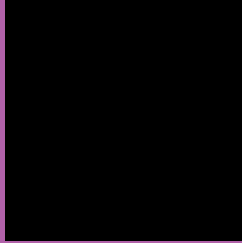
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B161A9 Background



This preview shows how black text looks on a background with the Hex color B161A9.

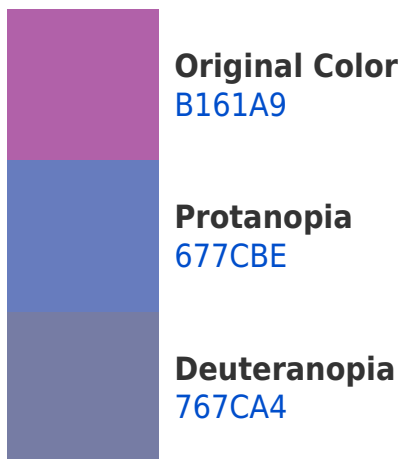


This preview shows how white text looks on a background with the Hex color B161A9.

# 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](#).

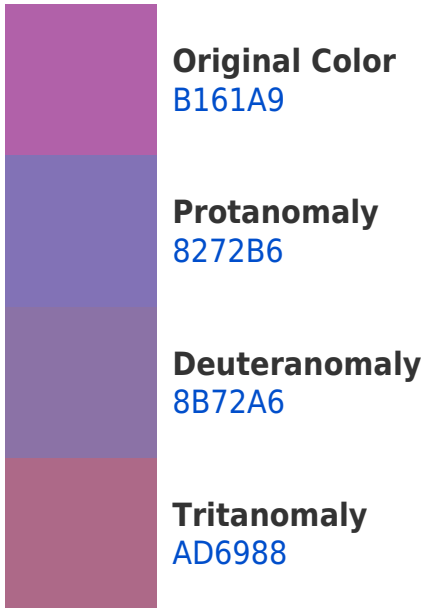
## Dichromacy



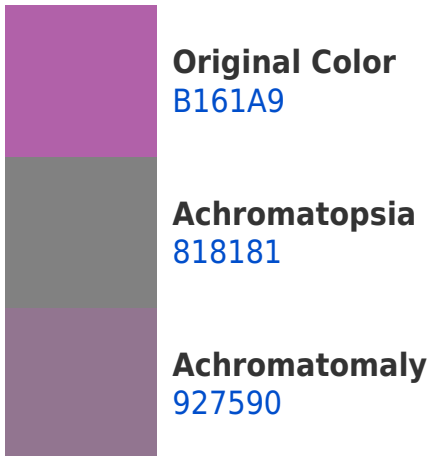


**Tritanopia**  
AB6D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B161A9 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 #B161A9 looks like.

```
.text, #text, p{  
    color:#B161A9  
}
```

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 #B161A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B161A9
}
```

## Border

The CSS property to change the border of an element to Hex B161A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

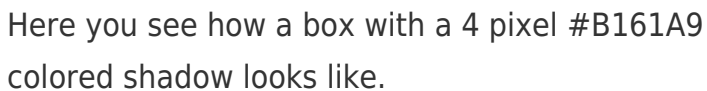
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B161A9 }
```

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

```
.border{ border-color:#B161A9 }
```

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



Here you see how a box with a 4 pixel #B161A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B161A9; -webkit-box-shadow:4px 4px  
4px 4px #B161A9; box-shadow:4px 4px 4px  
4px #B161A9 }
```

# Background

The CSS property to change the background color of an element to Hex B161A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B161A9 }
```

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

```
.background{ background-color:#B161A9 }
```

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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