

Converting Colors

Hex(B62AC7)

Have a look what the booklet for
Hex(B62AC7) contains.

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Color

Hex(B62AC7)

Conversions

Conversions Part 1

Format	Color
Hex	B62AC7
RGB	182, 42, 199
RGB Percent	71%, 16%, 78%
CMY	0.2863, 0.8353, 0.2196
CMYK	0.09, 0.79, 0.00, 0.22
HSL	294°, 65%, 47%
HSV	294°, 79%, 78%
XYZ	30.4282, 15.7245, 55.4642
YIQ	101.7580, 33.0430, 78.5070

Conversions

Conversions Part 2

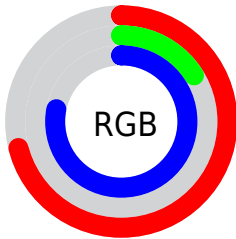
Format	Color
R_{YB}	182, 42, 199
Decimal	11938503
CIE _{Lab}	46.61, 72.17, -51.78
CIE _{LCh}	47, 88.822, 324.342
Yxy	15.7245, 0.2994, 0.1547
Android (android.graphics.Color)	4290128583 (0xFFB62AC7)
YUV	101.7580, 47.9403, 70.3722
Hunter-Lab	39.6542, 67.5751, -55.1709

Details

The Hex color **B62AC7** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **3BC72A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **F169FF**, and **7C0090** is the 20% darker color. If you saturate the color by 10%, you get **B416C7**, and if you desaturate by 10%, it is **B83EC7**.

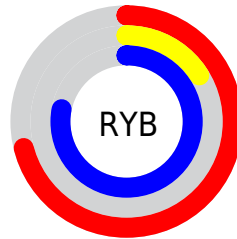
Distribution



Red (71%)

Green (16%)

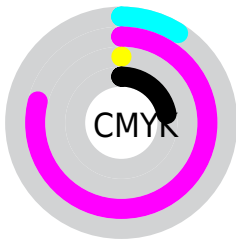
Blue (78%)



Red (71%)

Yellow (16%)

Blue (78%)

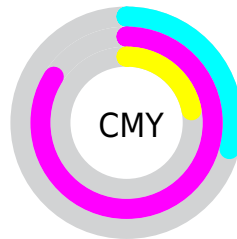


Cyan (9%)

Magenta (79%)

Yellow (0%)

Black (22%)



Cyan (29%)

Magenta (84%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B62AC7 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 B62AC7 by changing the saturation by 10% instead.

 B62AC7

 B62AC7

FFFFFF

 9900AB

 F169FF

 7C0090

 FF85FF

 600076

 FFA2FF

 44005C

 FFBFFF

 2A0044

 FFDDFF

 00002D

 FFFBFF

 000117

 000000

 B62AC7

 B62AC7

 B416C7

 B83EC7

 B202C7

 BA52C7

 B100C7

 BC66C7

 BF7AC7

 C18EC7

 C3A1C7

 C5B5C7

 C7C9C7

 C9DDC7

Harmonies

Analogous

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



1A62F9



B62AC7



E50080

Triad

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



B62AC7



936700



008CAB

Complementary

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



B62AC7



3BC72A

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.



008B5E



B62AC7



4B7C00

Square

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



B62AC7



C83F00



008600



0089E9

Rectangle

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



B62AC7



EA004F



008600



008C92

Sweetspot

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



B62AC7



F8C2FF



2A3CC7



7B5B80



000000



808080

Same Dimension

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



B62AC7



E50DFF



C72A8B



625A63



9200A3



200024

Inverse Universe

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



C72A3B



FF0D27



2AC766



635A5B



A30012



240004

Previews

White Background



This preview shows how the Hex color B62AC7 looks on a white background.

Color Contrast Check

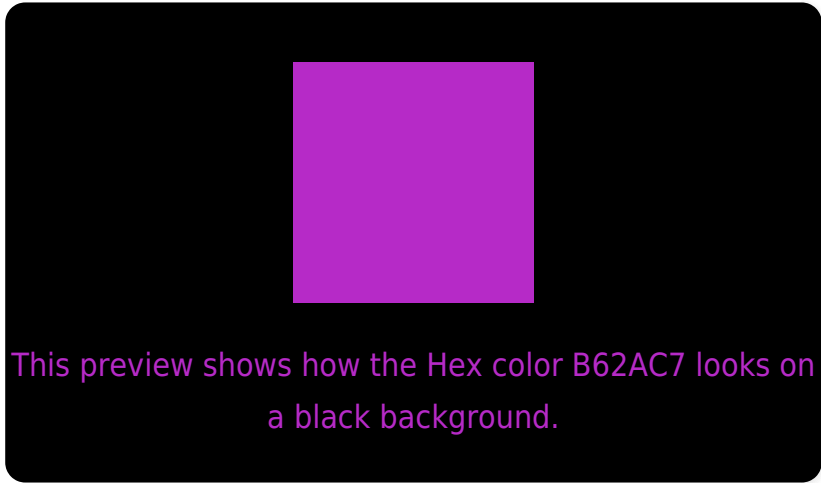
Large Text (above 18pt) WCAG AA ✓ Pass

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

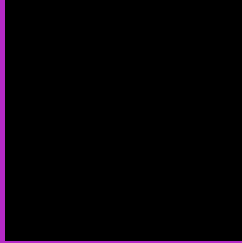
Any Text WCAG AA × Fail

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 B62AC7 Background



This preview shows how black text looks on a background with the Hex color B62AC7.

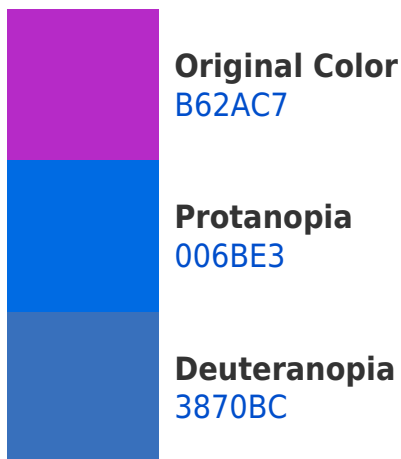


This preview shows how white text looks on a background with the Hex color B62AC7.

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](#).

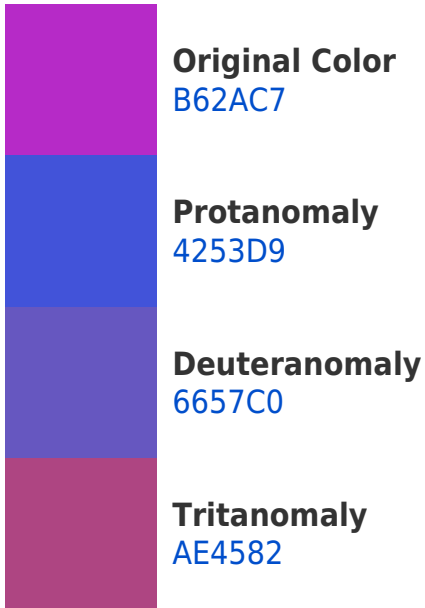
Dichromacy



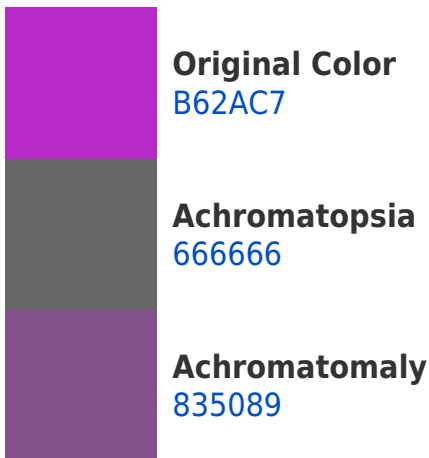


Tritanopia
A9555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B62AC7 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 #B62AC7 looks like.

```
.text, #text, p{  
    color:#B62AC7  
}
```

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 #B62AC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B62AC7
}
```

Border

The CSS property to change the border of an element to Hex B62AC7 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
#B62AC7 }
```

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

```
.border{ border-color:#B62AC7 }
```

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

Here you see how a box with a 4 pixel #B62AC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B62AC7; -webkit-box-shadow:4px 4px  
4px 4px #B62AC7; box-shadow:4px 4px 4px  
4px #B62AC7 }
```

Background

The CSS property to change the background color of an element to Hex B62AC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B62AC7 }
```

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

```
.background{ background-color:#B62AC7 }
```

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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