

# Converting Colors

Hex(B62B99)

Have a look what the booklet for  
Hex(B62B99) contains.

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# Color

**Hex(B62B99)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B62B99
RGB	182, 43, 153
RGB Percent	71%, 17%, 60%
CMY	0.2863, 0.8314, 0.4000
CMYK	0.00, 0.76, 0.16, 0.29
HSL	313°, 62%, 44%
HSV	313°, 76%, 71%
XYZ	25.9051, 13.9727, 31.4687
YIQ	97.1010, 47.5340, 63.6780

# Conversions

## Conversions Part 2

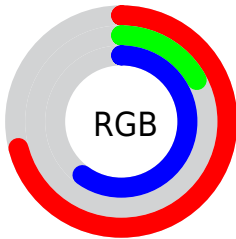
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 43, 153
Decimal	11938713
CIE <sub>Lab</sub>	44.19, 64.72, -28.45
CIE <sub>LCh</sub>	44, 70.700, 336.272
Yxy	13.9727, 0.3631, 0.1958
Android (android.graphics.Color)	4290128793 (0xFFB62B99)
YUV	97.1010, 27.5582, 74.4564
Hunter-Lab	37.3801, 58.2882, -23.7475

# Details

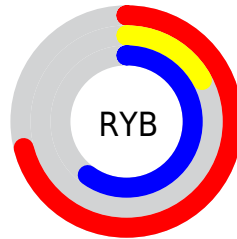
The Hex color **B62B99** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **2BB648**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **F167D0**, and **7D0066** is the 20% darker color. If you saturate the color by 10%, you get **B61995**, and if you desaturate by 10%, it is **B63D9D**.

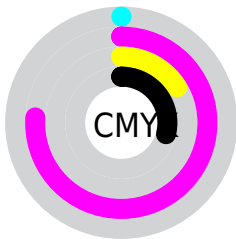
# Distribution



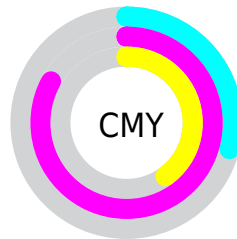
- Red (71%)
- Green (17%)
- Blue (60%)



- Red (71%)
- Yellow (17%)
- Blue (60%)



- Cyan (0%)
- Magenta (76%)
- Yellow (16%)
- Black (29%)



- Cyan (29%)
- Magenta (83%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B62B99 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 B62B99 by changing the saturation by 10% instead.



 B62B99

 B62B99

FFFFFF

 99007F

 F167D0

 7D0066

 FF84EC

 61004D

 FFA0FF

 460036

 FFBDFF

 2C0020

 FFDAFF

 000003

 FFF8FF

 000000

 B62B99

 B62B99

 B61995

 B63D9D

 B60791

 B64FA1

 B60090

 B662A4

 B674A8

 B686AC

 B698B0

 B6AAB4

 B6BDB7

 B6CFBB

# Harmonies

## Analogous

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



7552C9



B62B99



CD0A5F

# Triad

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



B62B99



746A00



0081AD

# Complementary

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



B62B99



2BB648

# 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.



008174



B62B99



327800

# Square

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



B62B99



A45300



007E35



007BD5

# Rectangle

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



B62B99



CA2239



007E35



00819B



# Sweetspot

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



B62B99



EDB7E2



472BB6



785671



F7F7F7



787878



# Same Dimension

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



B62B99



ED13C0



B62B55



5C535A



9C007B



1C0016



# Inverse Universe

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



B62B99



ED13C0



2BB68C



5C535A



9C007B



1C0016



# Previews

## White Background



This preview shows how the Hex color B62B99 looks on a white background.

## Color Contrast Check

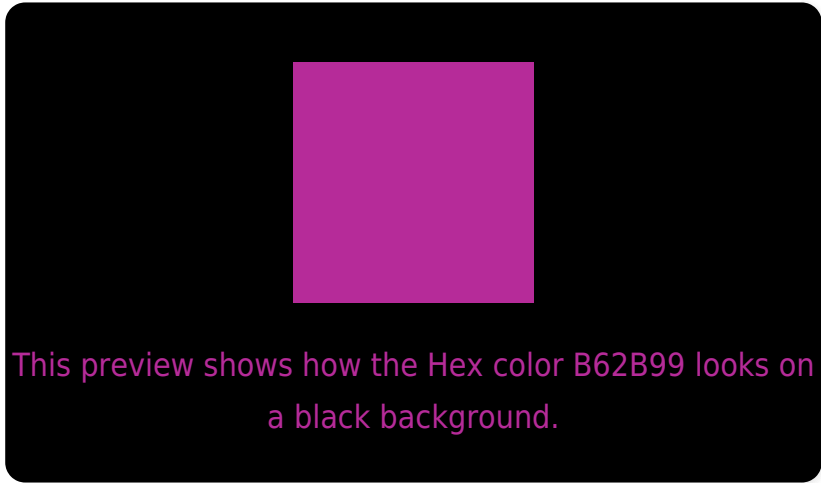
Large Text (above 18pt) WCAG AA ✓ Pass

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

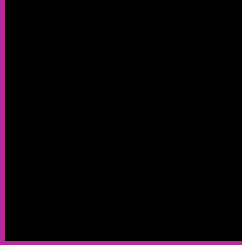
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B62B99 Background



This preview shows how black text looks on a background with the Hex color B62B99.

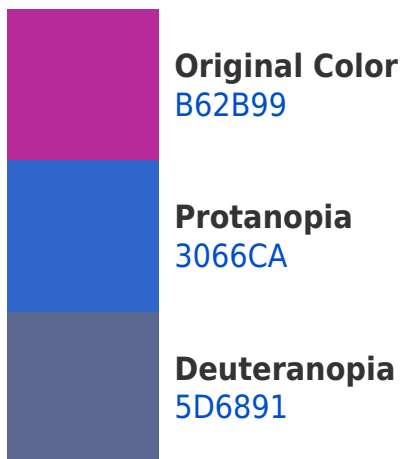


This preview shows how white text looks on a background with the Hex color B62B99.

# 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](#).

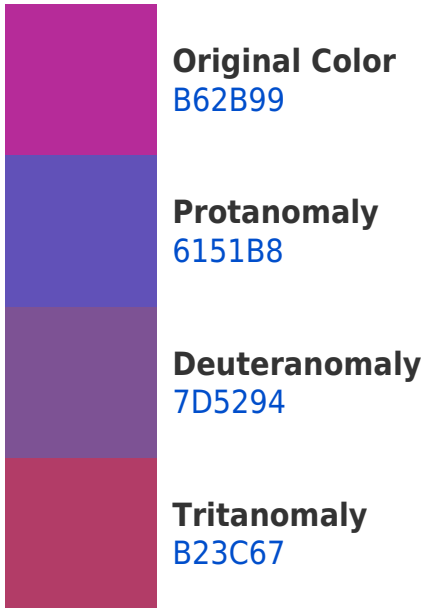
## Dichromacy



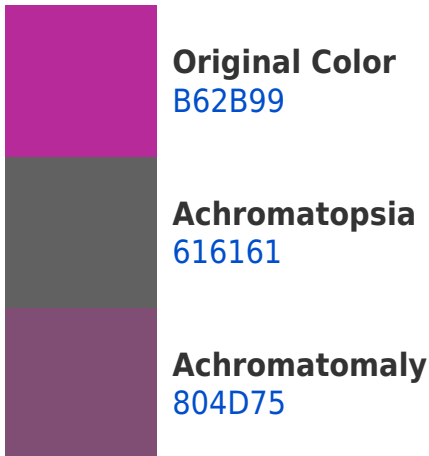


**Tritanopia**  
AF464B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B62B99 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 #B62B99 looks like.

```
.text, #text, p{  
    color:#B62B99  
}
```

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 #B62B99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B62B99
}
```

## Border

The CSS property to change the border of an element to Hex B62B99 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
#B62B99 }
```

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

```
.border{ border-color:#B62B99 }
```

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

Here you see how a box with a 4 pixel #B62B99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B62B99; -webkit-box-shadow:4px 4px  
4px 4px #B62B99; box-shadow:4px 4px 4px  
4px #B62B99 }
```

# Background

The CSS property to change the background color of an element to Hex B62B99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B62B99 }
```

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

```
.background{ background-color:#B62B99 }
```

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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