

# Converting Colors

Hex(B6167F)

Have a look what the booklet for  
Hex(B6167F) contains.

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**Color**

**Hex(B6167F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B6167F
RGB	182, 22, 127
RGB Percent	71%, 9%, 50%
CMY	0.2863, 0.9137, 0.5020
CMYK	0.00, 0.88, 0.30, 0.29
HSL	321°, 78%, 40%
HSV	321°, 88%, 71%
XYZ	23.4091, 12.0512, 21.1710
YIQ	81.8100, 61.6550, 66.5750

# Conversions

## Conversions Part 2

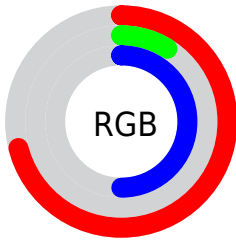
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 22, 127
Decimal	11933311
CIELab	41.30, 66.44, -17.08
CIELCh	41, 68.602, 345.585
Yxy	12.0512, 0.4134, 0.2128
Android (android.graphics.Color)	4290123391 (0xFFB6167F)
YUV	81.8100, 22.2787, 87.8666
Hunter-Lab	34.7149, 59.6160, -11.8579

# Details

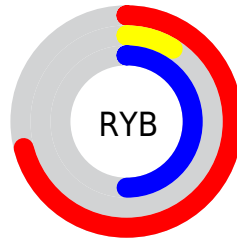
The Hex color **B6167F** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **16B64D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **F25BB4**, and **7C004E** is the 20% darker color. If you saturate the color by 10%, you get **B60479**, and if you desaturate by 10%, it is **B62885**.

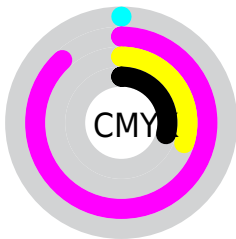
# Distribution



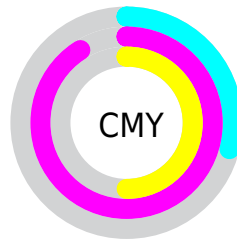
- Red (71%)
- Green (9%)
- Blue (50%)



- Red (71%)
- Yellow (9%)
- Blue (50%)



- Cyan (0%)
- Magenta (88%)
- Yellow (30%)
- Black (29%)



- Cyan (29%)
- Magenta (91%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6167F 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 B6167F by changing the saturation by 10% instead.



 B6167F

 B6167F

FFFFFF

 990066

 F25BB4

 7C004E

 FF78CF

 600037

 FF94EC

 450022

 FFB1FF

 290006


 FFCEFF

 000000

 FFECFF

 B6167F

 B6167F

 B60479

 B62885

 B60077


 B63A8C

 B64D92

 B65F98

 B6719E

 B683A5

 B695AB

 B6A8B1

 B6BAB7

# Harmonies

## Analogous

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



8641B1



B6167F



C10A47

# Triad

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



B6167F



5C6800



0078B2

# Complementary

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



B6167F



16B64D

# 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.



00797E



B6167F



007200

# Square

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



B6167F



8D5500



007743



0070D0

# Rectangle

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



B6167F



B92A23



007743



0079A2



# Sweetspot

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



B6167F



EDAFD8



4B16B6



78536B



F7F7F7



787878



# Same Dimension

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



B6167F



ED009C



B61631



5C5359



9C0066



1C0012



# Inverse Universe

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



B6167F



ED009C



16B69B



5C5359



9C0066



1C0012



# Previews

## White Background



This preview shows how the Hex color B6167F looks on a white background.

## Color Contrast Check

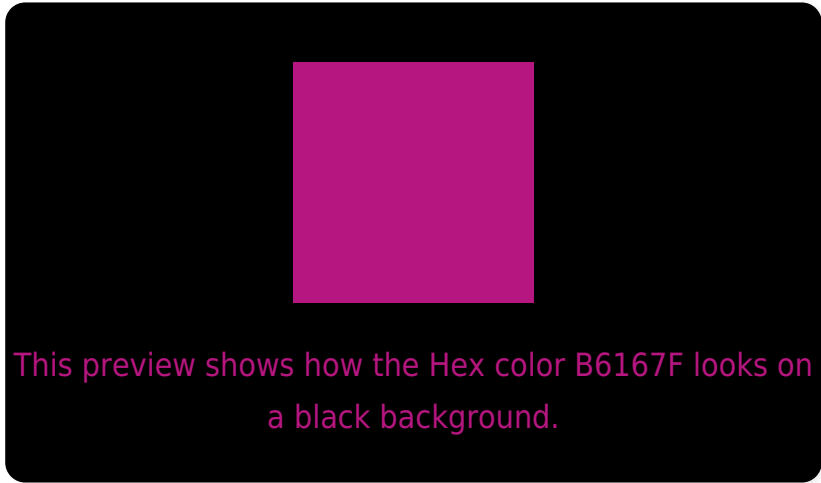
Large Text (above 18pt) WCAG AA ✓ Pass

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 B6167F Background



This preview shows how black text looks on a background with the Hex color B6167F.




This preview shows how white text looks on a background with the Hex color B6167F.

# 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**  
B13538

# Trichromacy



**Original Color**  
B6167F



**Protanomaly**  
68459F



**Deuteranomaly**  
81467A

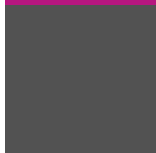


**Tritanomaly**  
B32A52

# Monochromacy



**Original Color**  
B6167F



**Achromatopsia**  
525252



**Achromatomaly**  
763C62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6167F 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 #B6167F looks like.

```
.text, #text, p{  
    color:#B6167F  
}
```

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 #B6167F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6167F }  
}
```

## Border

The CSS property to change the border of an element to Hex B6167F is called "border". The border property can be set on classes, ids or directly on the HTML element.

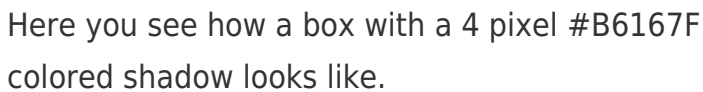
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B6167F }  
}
```

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

```
.border{ border-color:#B6167F }
```

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



Here you see how a box with a 4 pixel #B6167F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6167F; -webkit-box-shadow:4px 4px  
4px 4px #B6167F; box-shadow:4px 4px 4px  
4px #B6167F }
```

# Background

The CSS property to change the background color of an element to Hex B6167F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6167F }
```

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

```
.background{ background-color:#B6167F }
```

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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