

Converting Colors

Hex(B6174F)

Have a look what the booklet for
Hex(B6174F) contains.

Hex(B6174F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B6174F)

Conversions

Conversions Part 1

Format	Color
Hex	B6174F
RGB	182, 23, 79
RGB Percent	71%, 9%, 31%
CMY	0.2863, 0.9098, 0.6902
CMYK	0.00, 0.87, 0.57, 0.29
HSL	339°, 78%, 40%
HSV	339°, 87%, 71%
XYZ	21.0091, 11.1224, 8.4367
YIQ	76.9250, 76.7880, 51.1240

Conversions

Conversions Part 2

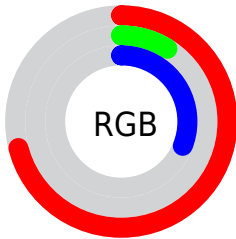
Format	Color
RYB	182, 23, 79
Decimal	11933519
CIELab	39.79, 61.86, 10.92
CIELCh	40, 62.815, 10.010
Yxy	11.1224, 0.5179, 0.2742
Android (android.graphics.Color)	4290123599 (0xFFB6174F)
YUV	76.9250, 1.0230, 92.1508
Hunter-Lab	33.3502, 54.0837, 8.3465

Details

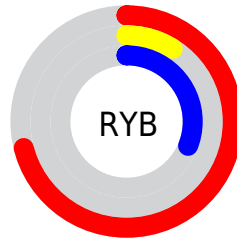
The Hex color **B6174F** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **17B67E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **F35980**, and **7A0023** is the 20% darker color. If you saturate the color by 10%, you get **B60543**, and if you desaturate by 10%, it is **B6295B**.

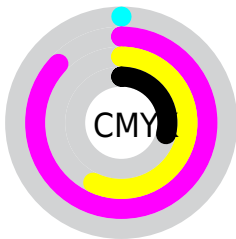
Distribution



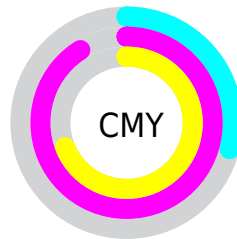
- Red (71%)
- Green (9%)
- Blue (31%)



- Red (71%)
- Yellow (9%)
- Blue (31%)



- Cyan (0%)
- Magenta (87%)
- Yellow (57%)
- Black (29%)



- Cyan (29%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6174F 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 B6174F by changing the saturation by 10% instead.

 B6174F

 B6174F

FFFFFF

 980038

 F35980

 7A0023

 FF769A

 5D000E

 FF92B4

 420003

 FFAFD0

 200001

 FFCCEC

 000000

 FFE9FF

 B6174F

 B6174F

 B60543

 B6295B

 B60040

 B63B67

 B64E72

 B6607E

 B6728A

 B68496

 B696A2

 B6A9AD

 B6BBB9

Harmonies

Analogous

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



A62782



B6174F



AB331D

Triad

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



B6174F



256C00



006DBF

Complementary

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



B6174F



17B67E

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.



00739F



B6174F



007238

Square

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



B6174F



636100



00746E



005FC4

Rectangle

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



B6174F



994600



00746E



0070B7

Sweetspot

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



B6174F



EDAFC5



7C17B6



785360



F7F7F7



787878

Same Dimension

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



B6174F



ED0054



B62C17



5C5356



9C0037



1C000A

Inverse Universe

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



B6174F



ED0054



17A1B6



5C5356



9C0037



1C000A

Previews

White Background



This preview shows how the Hex color B6174F looks on a white background.

Color Contrast Check

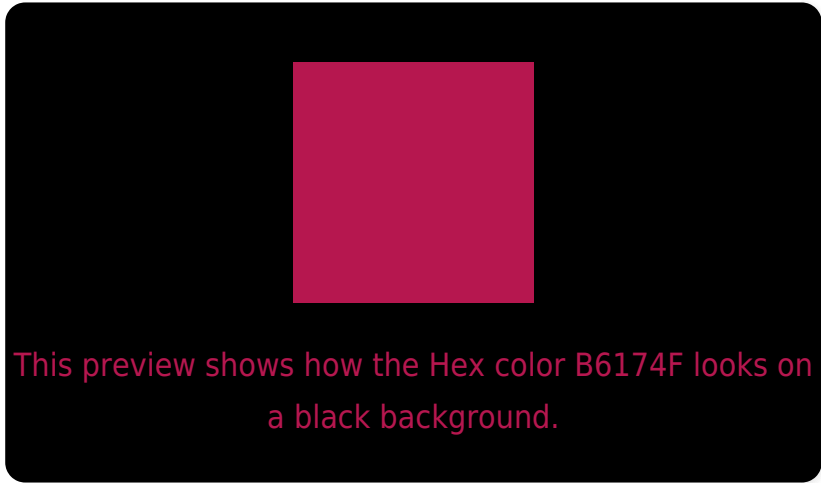
Large Text (above 18pt) WCAG AA ✓ Pass

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 B6174F Background



This preview shows how black text looks on a background with the Hex color B6174F.

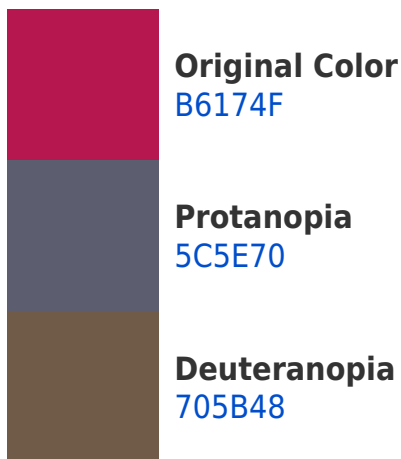


This preview shows how white text looks on a background with the Hex color B6174F.

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



Trichromacy



Original Color
B6174F

Protanomaly
7D4464

Deuteranomaly
89424B

Tritanomaly
B52034

Monochromacy



Original Color
B6174F

Achromatopsia
4D4D4D

Achromatomaly
73394E

CSS Examples

Text

The CSS property to change the color of the text to Hex B6174F 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 #B6174F looks like.

```
.text, #text, p{  
    color:#B6174F  
}
```

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 #B6174F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6174F
}
```

Border

The CSS property to change the border of an element to Hex B6174F is called "border". The border property can be set on classes, ids or directly on the HTML element.

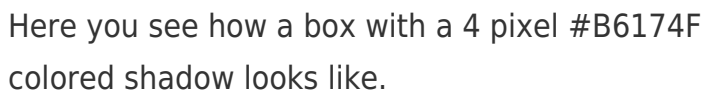
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B6174F }
```

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

```
.border{ border-color:#B6174F }
```

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



Here you see how a box with a 4 pixel #B6174F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6174F; -webkit-box-shadow:4px 4px  
4px 4px #B6174F; box-shadow:4px 4px 4px  
4px #B6174F }
```

Background

The CSS property to change the background color of an element to Hex B6174F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6174F }
```

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

```
.background{ background-color:#B6174F }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor