

# Converting Colors

Hex(B6164F)

Have a look what the booklet for  
Hex(B6164F) contains.

<b>Hex(B6164F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(B6164F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B6164F
RGB	182, 22, 79
RGB Percent	71%, 9%, 31%
CMY	0.2863, 0.9137, 0.6902
CMYK	0.00, 0.88, 0.57, 0.29
HSL	339°, 78%, 40%
HSV	339°, 88%, 71%
XYZ	20.9896, 11.0834, 8.4302
YIQ	76.3380, 77.0630, 51.6470

# Conversions

## Conversions Part 2

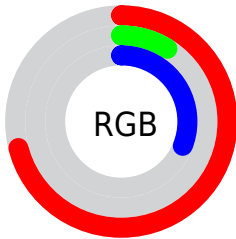
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 22, 79
Decimal	11933263
CIE Lab	39.72, 62.05, 10.83
CIE LCh	40, 62.984, 9.899
Yxy	11.0834, 0.5182, 0.2736
Android (android.graphics.Color)	4290123343 (0xFFB6164F)
YUV	76.3380, 1.3124, 92.6656
Hunter-Lab	33.2918, 54.2790, 8.2908

# Details

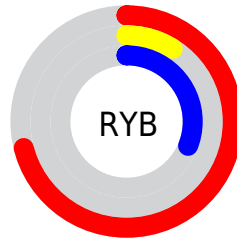
The Hex color **B6164F** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **16B67D**, and the grayscale version is **4C4C4C**.

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 **B60443**, and if you desaturate by 10%, it is **B6285B**.

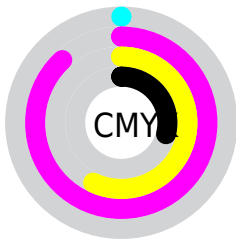
# Distribution



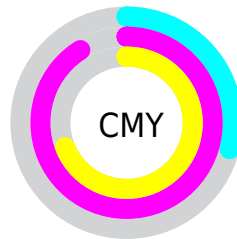
- Red (71%)
- Green (9%)
- Blue (31%)



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



- Cyan (0%)
- Magenta (88%)
- Yellow (57%)
- Black (29%)



- Cyan (29%)
- Magenta (91%)
- Yellow (69%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6164F 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 B6164F by changing the saturation by 10% instead.



 B6164F

 B6164F

FFFFFF

 980038

 F35980

 7A0023

 FF759A

 5D000E

 FF92B4

 420003

 FFAFD0

 1F0001

 FFCCEC

 000000

 FFE9FF

 B6164F

 B6164F

 B60443

 B6285B

 B60041

 B63A66

 B64D72

 B65F7E

 B6718A

 B68395

 B695A1

 B6A8AD

 B6BAB8

# Harmonies

## Analogous

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



A62682



B6164F



AB321D

# Triad

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



B6164F



256C00



006DBF

# Complementary

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



B6164F



16B67D

# 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



B6164F



007138

# Square

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



B6164F



636100



00746E



005FC4

# Rectangle

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



B6164F



994600



00746E



006FB7



# Sweetspot

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



B6164F



EDAFC5



7B16B6



785360



F7F7F7



787878



# Same Dimension

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



B6164F



ED0054



B62B16



5C5356



9C0037



1C000A



# Inverse Universe

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



B6164F



ED0054



16A1B6



5C5356



9C0037



1C000A



# Previews

## White Background



This preview shows how the Hex color B6164F looks on a white background.

## Color Contrast Check

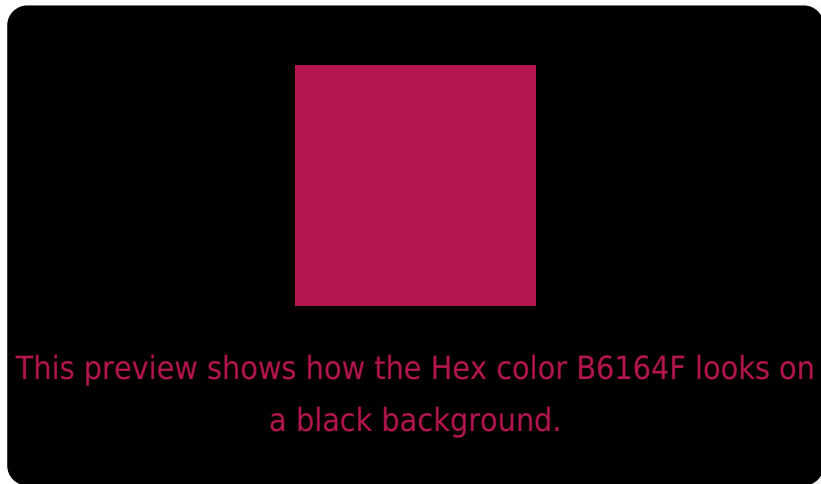
Large Text (above 18pt) WCAG AA ✓ Pass

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 B6164F Background



This preview shows how black text looks on a background with the Hex color B6164F.

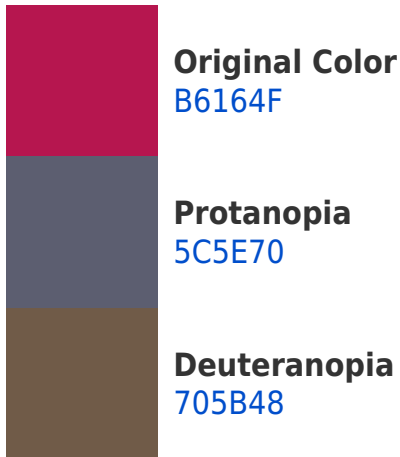


This preview shows how white text looks on a background with the Hex color B6164F.

# 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**  
B6164F

**Protanomaly**  
7D4464

**Deuteranomaly**  
89424B

**Tritanomaly**  
B52034

# Monochromacy



**Original Color**  
B6164F

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
73384D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6164F 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 #B6164F looks like.

```
.text, #text, p{  
    color:#B6164F  
}
```

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 #B6164F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6164F } }
```

## Border

The CSS property to change the border of an element to Hex B6164F 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 #B6164F } }
```

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

```
.border{ border-color:#B6164F }
```

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

Here you see how a box with a 4 pixel #B6164F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6164F; -webkit-box-shadow:4px 4px  
4px 4px #B6164F; box-shadow:4px 4px 4px  
4px #B6164F }
```

# Background

The CSS property to change the background color of an element to Hex B6164F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6164F }
```

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

```
.background{ background-color:#B6164F }
```

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