

# Converting Colors

Hex(BC1A6E)

Have a look what the booklet for  
Hex(BC1A6E) contains.

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# Color

**Hex(BC1A6E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC1A6E
RGB	188, 26, 110
RGB Percent	74%, 10%, 43%
CMY	0.2627, 0.8980, 0.5686
CMYK	0.00, 0.86, 0.41, 0.26
HSL	329°, 76%, 42%
HSV	329°, 86%, 74%
XYZ	23.9229, 12.5559, 15.9145
YIQ	84.0140, 69.5880, 60.4680

# Conversions

## Conversions Part 2

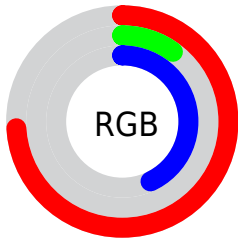
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 26, 110
Decimal	12327534
CIELab	42.09, 65.32, -5.20
CIELCh	42, 65.525, 355.446
Yxy	12.5559, 0.4566, 0.2396
Android (android.graphics.Color)	4290517614 (0xFFBC1A6E)
YUV	84.0140, 12.8111, 91.1957
Hunter-Lab	35.4344, 58.5011, -1.8247

# Details

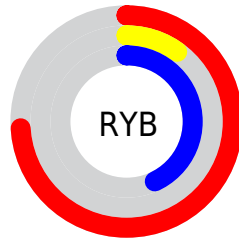
The Hex color **BC1A6E** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **1ABC68**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **F95DA1**, and **81003F** is the 20% darker color. If you saturate the color by 10%, you get **BC0765**, and if you desaturate by 10%, it is **BC2D77**.

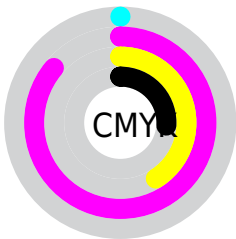
# Distribution



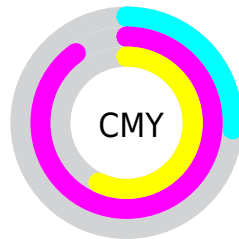
- Red (74%)
- Green (10%)
- Blue (43%)



- Red (74%)
- Yellow (10%)
- Blue (43%)



- Cyan (0%)
- Magenta (86%)
- Yellow (41%)
- Black (26%)



- Cyan (26%)
- Magenta (90%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC1A6E 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 BC1A6E by changing the saturation by 10% instead.



 BC1A6E

 BC1A6E

FFFFFF

 9E0056

 F95DA1

 81003F

 FF7ABC

 640029

 FF97D8

 490015

 FFB3F5

 2C0001

 FFD1FF

 000000

 FFEEFF

 BC1A6E

 BC1A6E

 BC0765

 BC2D77

 BC0061

 BC4080

 BC5289

 BC6592

 BC789B

 BC8BA4

 BC9EAD

 BCB0B6

 BCC3BF

# Harmonies

## Analogous

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



9B3AA1



BC1A6E



BE2639

# Triad

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



BC1A6E



4C6E00



0077BC

# Complementary

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



BC1A6E



1ABC68

# 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.



007A91



BC1A6E



00761F

# Square

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



BC1A6E



805E00



007A59



006DD0

# Rectangle

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



BC1A6E



B13C15



007A59



0079B0



# Sweetspot

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



BC1A6E



F5B5D6



661ABC



7A5468



FAFAFA



7A7A7A



# Same Dimension

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



BC1A6E



F5007F



BC1A1F



5E555A



9E0052



1F0010



# Inverse Universe

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



BC1A6E



F5007F



1ABCB7



5E555A



9E0052



1F0010



# Previews

## White Background



This preview shows how the Hex color BC1A6E looks on a white background.

## Color Contrast Check

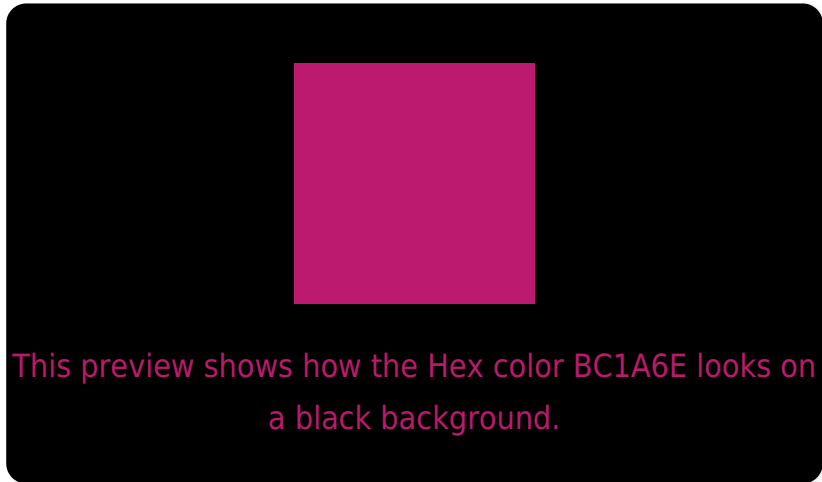
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC1A6E Background



This preview shows how black text looks on a background with the Hex color BC1A6E.



This preview shows how white text looks on a background with the Hex color BC1A6E.

# Color Blindness Simulation

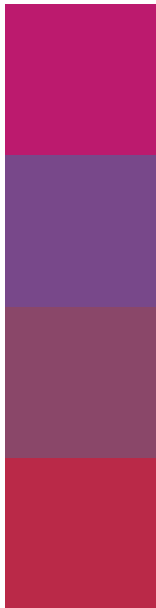
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



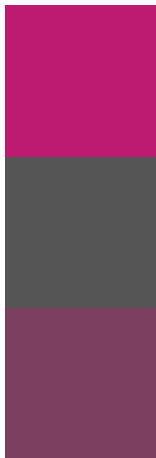
**Original Color**  
BC1A6E

**Protanomaly**  
78488A

**Deuteranomaly**  
8A4769

**Tritanomaly**  
BA2948

# Monochromacy



**Original Color**  
BC1A6E

**Achromatopsia**  
545454

**Achromatomaly**  
7A3F5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC1A6E 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 #BC1A6E looks like.

```
.text, #text, p{  
    color:#BC1A6E  
}
```

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 #BC1A6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC1A6E
}
```

## Border

The CSS property to change the border of an element to Hex BC1A6E 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
#BC1A6E }
```

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

```
.border{ border-color:#BC1A6E }
```

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

Here you see how a box with a 4 pixel #BC1A6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC1A6E; -webkit-box-shadow:4px 4px  
4px 4px #BC1A6E; box-shadow:4px 4px 4px  
4px #BC1A6E }
```

# Background

The CSS property to change the background color of an element to Hex BC1A6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC1A6E }
```

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

```
.background{ background-color:#BC1A6E }
```

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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