

Converting Colors

Hex(BC1751)

Have a look what the booklet for
Hex(BC1751) contains.

Hex(BC1751)	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(BC1751)

Conversions

Conversions Part 1

Format	Color
Hex	BC1751
RGB	188, 23, 81
RGB Percent	74%, 9%, 32%
CMY	0.2627, 0.9098, 0.6824
CMYK	0.00, 0.88, 0.57, 0.26
HSL	339°, 78%, 41%
HSV	339°, 88%, 74%
XYZ	22.5306, 11.8982, 8.8937
YIQ	78.9470, 79.7220, 53.0180

Conversions

Conversions Part 2

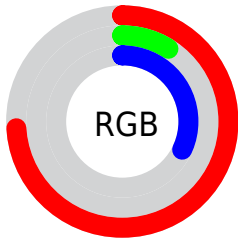
Format	Color
R_{YB}	188, 23, 81
Decimal	12326737
CIE _{Lab}	41.05, 63.52, 11.59
CIE _{LCh}	41, 64.571, 10.342
Yxy	11.8982, 0.5201, 0.2746
Android (android.graphics.Color)	4290516817 (0xFFBC1751)
YUV	78.9470, 1.0121, 95.6395
Hunter-Lab	34.4938, 56.2282, 8.8587

Details

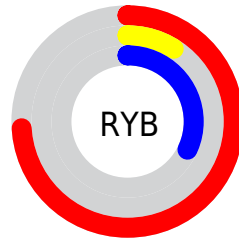
The Hex color **BC1751** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **17BC82**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FA5B82**, and **800025** is the 20% darker color. If you saturate the color by 10%, you get **BC0445**, and if you desaturate by 10%, it is **BC2A5D**.

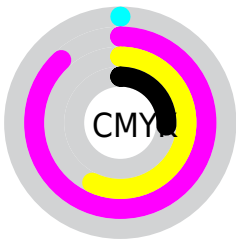
Distribution



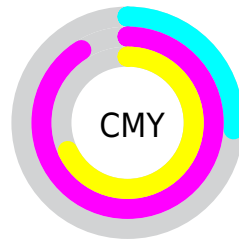
- Red (74%)
- Green (9%)
- Blue (32%)



- Red (74%)
- Yellow (9%)
- Blue (32%)



- Cyan (0%)
- Magenta (88%)
- Yellow (57%)
- Black (26%)



- Cyan (26%)
- Magenta (91%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC1751 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 BC1751 by changing the saturation by 10% instead.

 BC1751

 BC1751

FFFFFF

 9E003A

 FA5B82

 800025

 FF779C

 620011

 FF94B7

 460003

 FFB1D2

 260001

 FFCEEE

 000000

 FFE8FF

 BC1751

 BC1751

 BC0445

 BC2A5D

 BC0042

 BC3D69

 BC4F76

 BC6282

 BC758E

 BC889A

 BC9BA6

 BCADB3

 BCC0BF

Harmonies

Analogous

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



AC2786



BC1751



B1341E

Triad

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



BC1751



257000



0070C5

Complementary

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



BC1751



17BC82

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.



0076A5



BC1751



00753B

Square

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



BC1751



666400



007772



0062CA

Rectangle

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



BC1751



9E4800



007772



0073BD

Sweetspot

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



BC1751



F5B5CC



8017BC



7A5462



F9FAFA



7A7A7A

Same Dimension

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



BC1751



F50056



BC2D17



5E5558



9E0038



1F000B

Inverse Universe

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



BC1751



F50056



17A6BC



5E5558



9E0038



1F000B

Previews

White Background



This preview shows how the Hex color BC1751 looks on a white background.

Color Contrast Check

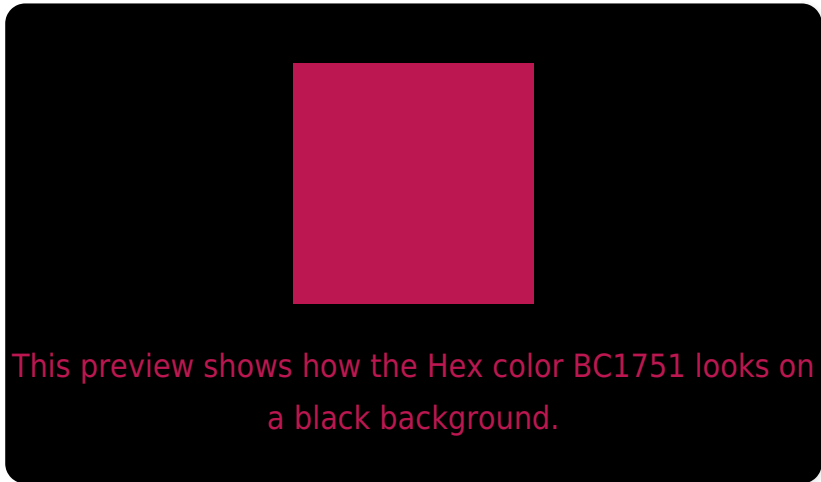
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC1751 Background



This preview shows how black text looks on a background with the Hex color BC1751.

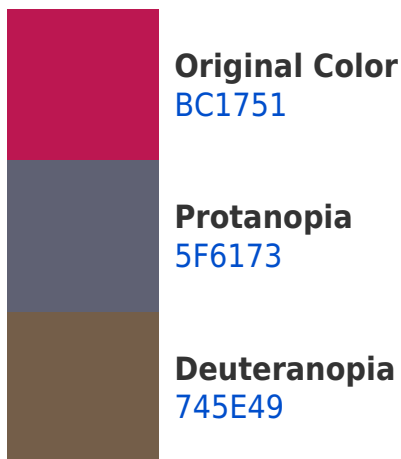


This preview shows how white text looks on a background with the Hex color BC1751.

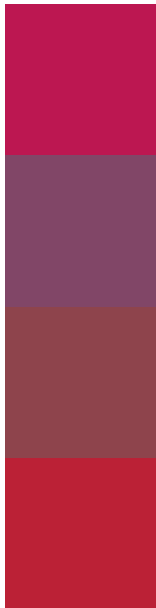
Color Blindness Simulation

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
BC1751

Protanomaly
814667

Deuteranomaly
8E444C

Tritanomaly
BB2136

Monochromacy



Original Color
BC1751

Achromatopsia
4F4F4F

Achromatomaly
773B50

CSS Examples

Text

The CSS property to change the color of the text to Hex BC1751 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 #BC1751 looks like.

```
.text, #text, p{  
    color:#BC1751  
}
```

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 #BC1751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC1751
}
```

Border

The CSS property to change the border of an element to Hex BC1751 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
#BC1751 }
```

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

```
.border{ border-color:#BC1751 }
```

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

Here you see how a box with a 4 pixel #BC1751 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC1751; -webkit-box-shadow:4px 4px  
4px 4px #BC1751; box-shadow:4px 4px 4px  
4px #BC1751 }
```

Background

The CSS property to change the background color of an element to Hex BC1751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC1751 }
```

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

```
.background{ background-color:#BC1751 }
```

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