

Converting Colors

Hex(BB013B)

Have a look what the booklet for
Hex(BB013B) contains.

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Color

Hex(BB013B)

Conversions

Conversions Part 1

Format	Color
Hex	BB013B
RGB	187, 1, 59
RGB Percent	73%, 0%, 23%
CMY	0.2667, 0.9961, 0.7686
CMYK	0.00, 0.99, 0.68, 0.27
HSL	341°, 99%, 37%
HSV	341°, 99%, 73%
XYZ	21.2938, 10.9023, 5.1197
YIQ	63.2260, 92.2380, 57.4700

Conversions

Conversions Part 2

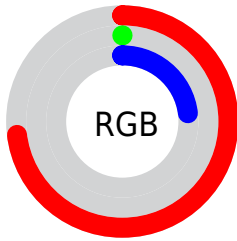
Format	Color
RYB	187, 1, 59
Decimal	12255547
CIELab	39.42, 64.82, 23.36
CIELCh	39, 68.895, 19.817
Yxy	10.9023, 0.5706, 0.2922
Android (android.graphics.Color)	4290445627 (0xFFBB013B)
YUV	63.2260, -2.0834, 108.5498
Hunter-Lab	33.0186, 57.3327, 13.9198

Details

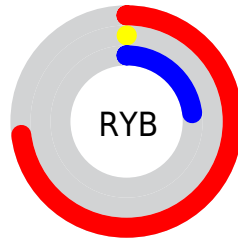
The Hex color **BB013B** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **01BB81**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **FA536A**, and **7D0012** is the 20% darker color. If you saturate the color by 10%, you get **BB003A**, and if you desaturate by 10%, it is **BB1448**.

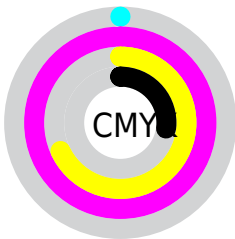
Distribution



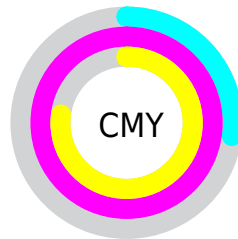
- Red (73%)
- Green (0%)
- Blue (23%)



- Red (73%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (99%)
- Yellow (68%)
- Black (27%)



- Cyan (27%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB013B 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 BB013B by changing the saturation by 10% instead.



BB013B



BB013B

FFFFFF



9C0026



FA536A



7D0012



FF7083



5F0000



FF8D9D



430003



FFA9B8



210001



FFC7D3



000000



FFE4F0



BB013B



BB013B



BB003A



BB1448

 BB2655

 BB3962

 BB4C6E

 BB5F7B

 BB7188

 BB8495

 BB97A2

 BBA9AF

Harmonies

Analogous

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



B40072



BB013B



A73600

Triad

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



BB013B



006F00



006ACD

Complementary

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



BB013B



01BB81

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.



0072B3



BB013B



007347

Square

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



BB013B



4F6500



007482



0057C8

Rectangle

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



BB013B



904B00



007482



006DC7

Sweetspot

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



BB013B



F2AAC0



8001BB



7A4E5C



FAFAFA



7A7A7A

Same Dimension

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



BB013B



F2004C



BB2301



5E5558



9E0031



1F000A

Inverse Universe

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



BB013B



F2004C



0199BB



5E5558



9E0031



1F000A

Previews

White Background



This preview shows how the Hex color BB013B looks on a white background.

Color Contrast Check

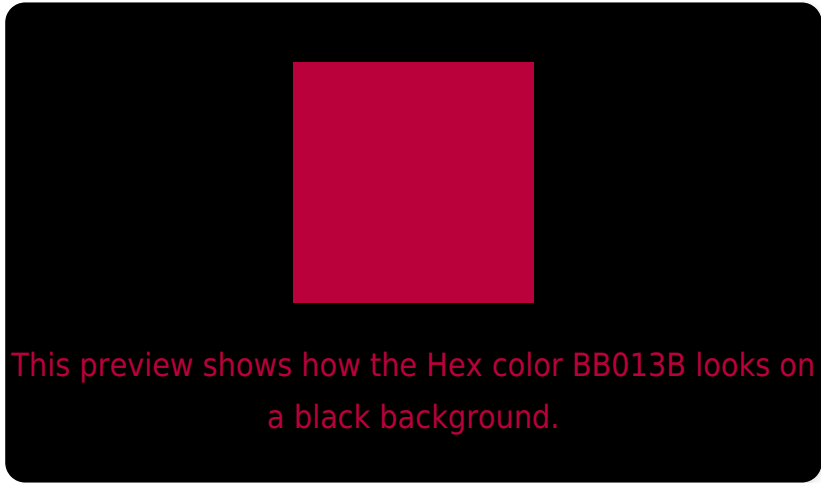
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB013B Background



This preview shows how black text looks on a background with the Hex color BB013B.



This preview shows how white text looks on a background with the Hex color BB013B.

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



Original Color
BB013B

Protanopia
635F57

Deuteranopia
755B32

Trichromacy



Original Color
BB013B



Protanomaly
833D4D



Deuteranomaly
8E3A35



Tritanomaly
BA1022

Monochromacy



Original Color
BB013B



Achromatopsia
3F3F3F



Achromatomaly
6C283E

CSS Examples

Text

The CSS property to change the color of the text to Hex BB013B 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 #BB013B looks like.

```
.text, #text, p{  
  color:#BB013B  
}
```

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 #BB013B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB013B }  
}
```

Border

The CSS property to change the border of an element to Hex BB013B 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 #BB013B }  
}
```

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

```
.border{ border-color:#BB013B }
```

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

Here you see how a box with a 4 pixel #BB013B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB013B; -webkit-box-shadow:4px 4px  
4px 4px #BB013B; box-shadow:4px 4px 4px  
4px #BB013B }
```

Background

The CSS property to change the background color of an element to Hex BB013B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB013B }
```

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

```
.background{ background-color:#BB013B }
```

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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