

Converting Colors

Hex(BB004A)

Have a look what the booklet for
Hex(BB004A) contains.

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Color

Hex(BB004A)

Conversions

Conversions Part 1

Format	Color
Hex	BB004A
RGB	187, 0, 74
RGB Percent	73%, 0%, 29%
CMY	0.2667, 1.0000, 0.7098
CMYK	0.00, 1.00, 0.60, 0.27
HSL	336°, 100%, 37%
HSV	336°, 100%, 73%
XYZ	21.7295, 11.0592, 7.4679
YIQ	64.3490, 87.6980, 62.6580

Conversions

Conversions Part 2

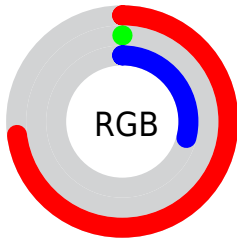
Format	Color
RYB	187, 0, 74
Decimal	12255306
CIELab	39.68, 65.73, 14.13
CIELCh	40, 67.234, 12.134
Yxy	11.0592, 0.5398, 0.2747
Android (android.graphics.Color)	4290445386 (0xFFBB004A)
YUV	64.3490, 4.7579, 107.5649
Hunter-Lab	33.2554, 58.4375, 9.9644

Details

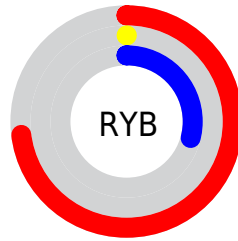
The Hex color **BB004A** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **00BB71**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **F9537A**, and **7E001F** is the 20% darker color. If you saturate the color by 10%, you get **BB004A**, and if you desaturate by 10%, it is **BB1355**.

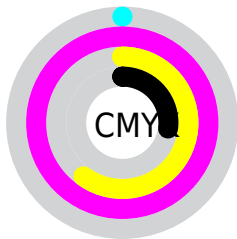
Distribution



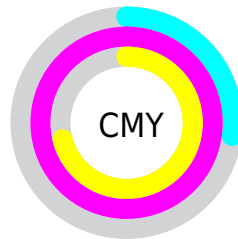
- Red (73%)
- Green (0%)
- Blue (29%)



- Red (73%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (27%)



- Cyan (27%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB004A 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 BB004A by changing the saturation by 10% instead.

 BB004A

 BB004A

FFFFFF

 9C0034

 F9537A

 7E001F

 FF7094

 600007

 FF8DAE

 440003

 FFAACA

 230001

 FFC7E6

 000000

 FFE5FF

 BB004A

 BB1355

 BB2561

 BB386C

 BB4B77

 BB5E82

 BB708E

 BB8399

 BB96A4

 BBA8B0

Harmonies

Analogous

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



AC1980



BB004A



AE2F13

Triad

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



BB004A



116D00



006DC7

Complementary

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



BB004A



00BB71

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.



0073A7



BB004A



007239

Square

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



BB004A



5E6200



007473



005DCA

Rectangle

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



BB004A



994600



007473



0070BF

Sweetspot

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



BB004A



F2AAC6



7000BB



7A4E60



FAFAFA



7A7A7A

Same Dimension

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



BB004A



F20060



BB1300



5E5559



9E003F



1F000C

Inverse Universe

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



BB004A



F20060



00A8BB



5E5559



9E003F



1F000C

Previews

White Background



This preview shows how the Hex color BB004A looks on a white background.

Color Contrast Check

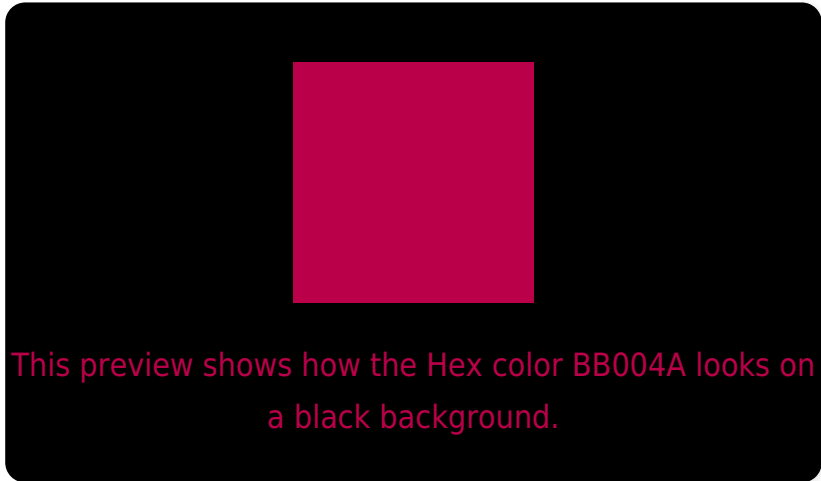
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB004A Background



This preview shows how black text looks on a background with the Hex color BB004A.

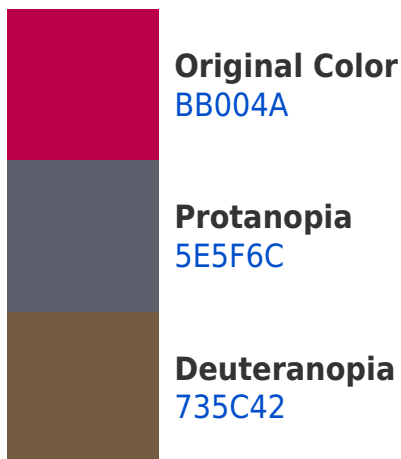


This preview shows how white text looks on a background with the Hex color BB004A.

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](#).

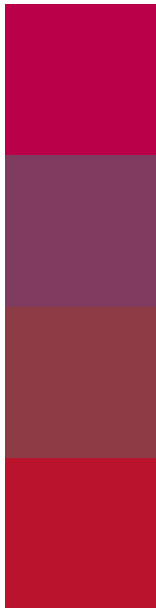
Dichromacy





Tritanopia
B91E1C

Trichromacy



Original Color
BB004A

Protanomaly
803C60

Deuteranomaly
8D3B45

Tritanomaly
BA132D

Monochromacy



Original Color
BB004A

Achromatopsia
404040

Achromatomaly
6D2944

CSS Examples

Text

The CSS property to change the color of the text to Hex BB004A 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 #BB004A looks like.

```
.text, #text, p{  
    color:#BB004A  
}
```

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 #BB004A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB004A
}
```

Border

The CSS property to change the border of an element to Hex BB004A 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
#BB004A }
```

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

```
.border{ border-color:#BB004A }
```

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

Here you see how a box with a 4 pixel #BB004A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB004A; -webkit-box-shadow:4px 4px  
4px 4px #BB004A; box-shadow:4px 4px 4px  
4px #BB004A }
```

Background

The CSS property to change the background color of an element to Hex BB004A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB004A }
```

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

```
.background{ background-color:#BB004A }
```

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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