

Converting Colors

Hex(BF004B)

Have a look what the booklet for
Hex(BF004B) contains.

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Color

Hex(BF004B)

Conversions

Conversions Part 1

Format	Color
Hex	BF004B
RGB	191, 0, 75
RGB Percent	75%, 0%, 29%
CMY	0.2510, 1.0000, 0.7059
CMYK	0.00, 1.00, 0.61, 0.25
HSL	336°, 100%, 37%
HSV	336°, 100%, 75%
XYZ	22.7559, 11.5844, 7.6932
YIQ	65.6590, 89.7610, 63.8170

Conversions

Conversions Part 2

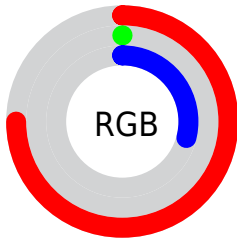
Format	Color
R_{YB}	191, 0, 75
Decimal	12517451
CIE Lab	40.55, 66.73, 14.81
CIE LCh	41, 68.356, 12.516
Yxy	11.5844, 0.5414, 0.2756
Android (android.graphics.Color)	4290707531 (0xFFBF004B)
YUV	65.6590, 4.6051, 109.9241
Hunter-Lab	34.0358, 59.7799, 10.4235

Details

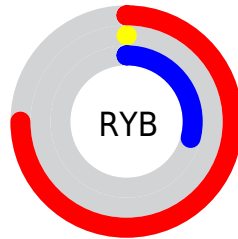
The Hex color **BF004B** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **00BF74**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **FE547B**, and **820020** is the 20% darker color. If you saturate the color by 10%, you get **BF004B**, and if you desaturate by 10%, it is **BF1357**.

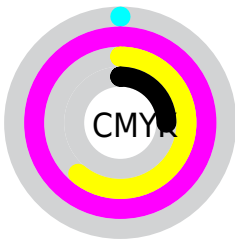
Distribution



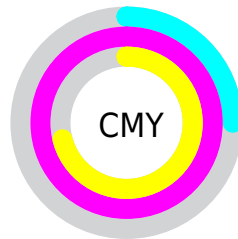
- Red (75%)
- Green (0%)
- Blue (29%)



- Red (75%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF004B 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 BF004B by changing the saturation by 10% instead.

 BF004B

 BF004B

FFFFFF

 A00035

 FE547B

 820020

 FF7195

 640008

 FF8EB0

 480003

 FFABC8

 270001

 FFC9E7

 000000

 FFE6FF

 BF004B

 BF1357

 BF2662

 BF396E

 BF4C79

 BF6085

 BF7391

 BF869C

 BF99A8

 BFACB3

Harmonies

Analogous

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



B01883



BF004B



B13113

Triad

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



BF004B



0F7000



006FCC

Complementary

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



BF004B



00BF74

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.



0076AB



BF004B



00753B

Square

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



BF004B



606500



007776



005FCF

Rectangle

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



BF004B



9C4700



007776



0072C4

Sweetspot

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



BF004B



F7ADCA



7300BF



7D5062



FCFCFC



7D7D7D

Same Dimension

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



BF004B



F70061



BF1300



5E5559



9E003E



1F000C

Inverse Universe

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



BF004B



F70061



00ACBF



5E5559



9E003E



1F000C

Previews

White Background



This preview shows how the Hex color BF004B looks on a white background.

Color Contrast Check

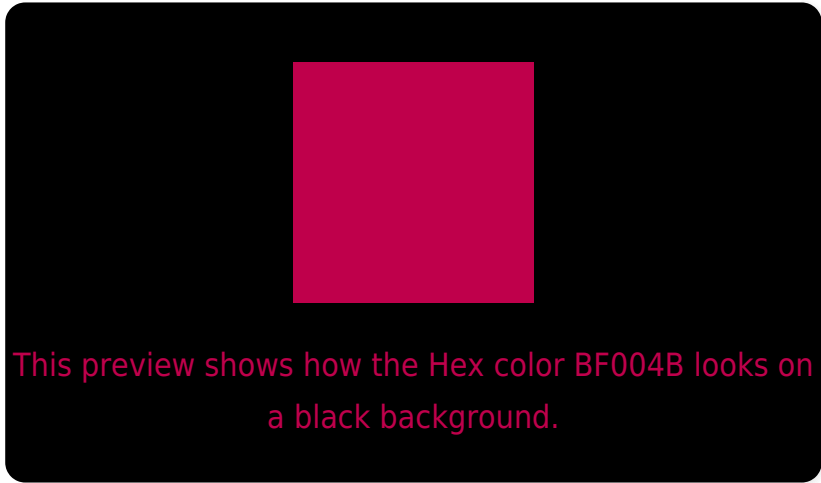
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF004B Background



This preview shows how black text looks on a background with the Hex color BF004B.

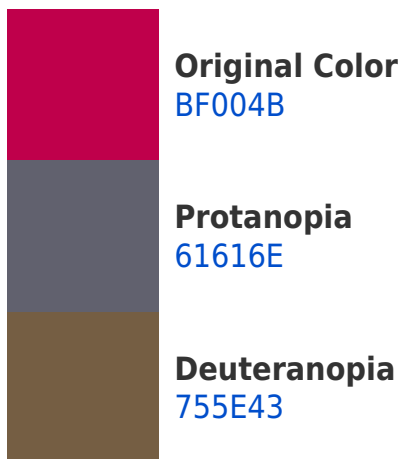


This preview shows how white text looks on a background with the Hex color BF004B.

Color Blindness Simulation

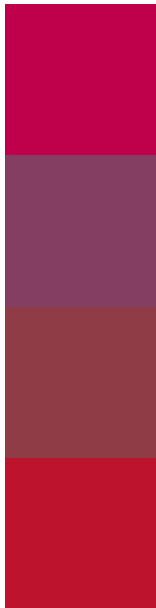
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
BF004B

Protanomaly
833E61

Deuteranomaly
903C46

Tritanomaly
BE132D

Monochromacy



Original Color
BF004B

Achromatopsia
424242

Achromatomaly
6F2A45

CSS Examples

Text

The CSS property to change the color of the text to Hex BF004B 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 #BF004B looks like.

```
.text, #text, p{  
    color:#BF004B  
}
```

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 #BF004B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF004B
}
```

Border

The CSS property to change the border of an element to Hex BF004B 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
#BF004B }
```

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

```
.border{ border-color:#BF004B }
```

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

Here you see how a box with a 4 pixel #BF004B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF004B; -webkit-box-shadow:4px 4px  
4px 4px #BF004B; box-shadow:4px 4px 4px  
4px #BF004B }
```

Background

The CSS property to change the background color of an element to Hex BF004B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF004B }
```

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

```
.background{ background-color:#BF004B }
```

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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