

# Converting Colors

Hex(B8004C)

Have a look what the booklet for  
Hex(B8004C) contains.

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**Color**

**Hex(B8004C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B8004C
RGB	184, 0, 76
RGB Percent	72%, 0%, 30%
CMY	0.2784, 1.0000, 0.7020
CMYK	0.00, 1.00, 0.59, 0.28
HSL	335°, 100%, 36%
HSV	335°, 100%, 72%
XYZ	21.0717, 10.7121, 7.7945
YIQ	63.6800, 85.2680, 62.6440

# Conversions

## Conversions Part 2

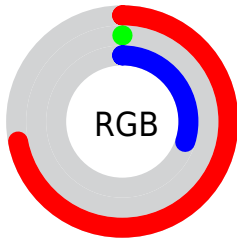
Format	Color
<a href="#">RYB</a>	<a href="#">184, 0, 76</a>
Decimal	<a href="#">12058700</a>
CIELab	<a href="#">39.09, 65.15, 11.94</a>
CIELCh	<a href="#">39, 66.237, 10.386</a>
Yxy	<a href="#">10.7121, 0.5324, 0.2707</a>
Android (android.graphics.Color)	<a href="#">4290248780</a> ( <a href="#">0xFFB8004C</a> )
YUV	<a href="#">63.6800, 6.0738, 105.5206</a>
Hunter-Lab	<a href="#">32.7294, 57.6444, 8.7907</a>

# Details

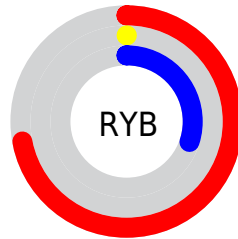
The Hex color **B8004C** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **00B86C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **F6527C**, and **7B0021** is the 20% darker color. If you saturate the color by 10%, you get **B8004C**, and if you desaturate by 10%, it is **B81257**.

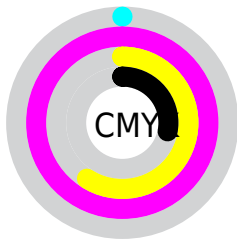
# Distribution



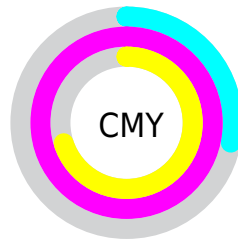
- Red (72%)
- Green (0%)
- Blue (30%)



- Red (72%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8004C 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 B8004C by changing the saturation by 10% instead.



 B8004C

 B8004C

FFFFFF

 9A0036

 F6527C

 7B0021

 FF7096

 5E000A

 FF8CB1

 420003

 FFA9CC

 200001

 FFC6E8

 000000

 FFE4FF

 B8004C

 B81257

 B82562

 B8376C

 B84A77

 B85C82

 B86E8D

 B88198

 B893A2

 B8A6AD

# Harmonies

## Analogous

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



A81C81



B8004C



AC2D17

# Triad

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



B8004C



1B6B00



006CC3

# Complementary

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



B8004C



00B86C

# 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.



0072A1



B8004C



007135

# Square

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



B8004C



606000



00736E



005DC8

# Rectangle

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



B8004C



994300



00736E



006FBA



# Sweetspot

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



B8004C



F0A8C5



6B00B8



784D5F



F7F7F7



787878



# Same Dimension

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



B8004C



F00063



B80F00



5C5356



9C0040



1C000C



# Inverse Universe

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



B8004C



F00063



00A9B8



5C5356



9C0040



1C000C



# Previews

## White Background



This preview shows how the Hex color B8004C looks on a white background.

### Color Contrast Check

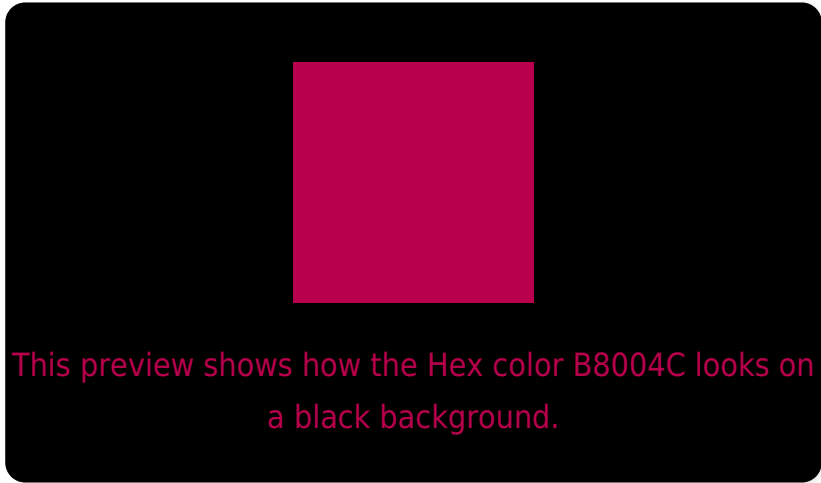
Large Text (above 18pt) WCAG AA ✓ Pass

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 B8004C Background



This preview shows how black text looks on a background with the Hex color B8004C.



This preview shows how white text looks on a background with the Hex color B8004C.

# 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**  
B8004C

**Protanopia**  
5C5E6F

**Deuteranopia**  
705B44



**Tritanopia**  
B61E1D

# Trichromacy



**Original Color**  
B8004C

**Protanomaly**  
7D3C62

**Deuteranomaly**  
8A3A47

**Tritanomaly**  
B7132E

# Monochromacy



**Original Color**  
B8004C

**Achromatopsia**  
404040

**Achromatomaly**  
6C2944

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8004C 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 #B8004C looks like.

```
.text, #text, p{  
    color:#B8004C  
}
```

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 #B8004C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8004C
}
```

## Border

The CSS property to change the border of an element to Hex B8004C is called "border". The border property can be set on classes, ids or directly on the HTML element.

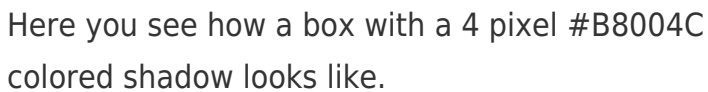
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B8004C }
```

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

```
.border{ border-color:#B8004C }
```

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



Here you see how a box with a 4 pixel #B8004C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8004C; -webkit-box-shadow:4px 4px  
4px 4px #B8004C; box-shadow:4px 4px 4px  
4px #B8004C }
```

# Background

The CSS property to change the background color of an element to Hex B8004C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8004C }
```

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

```
.background{ background-color:#B8004C }
```

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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