

# Converting Colors

Hex(B0004C)

Have a look what the booklet for  
Hex(B0004C) contains.

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**Color**

**Hex(B0004C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0004C
RGB	176, 0, 76
RGB Percent	69%, 0%, 30%
CMY	0.3098, 1.0000, 0.7020
CMYK	0.00, 1.00, 0.57, 0.31
HSL	334°, 100%, 35%
HSV	334°, 100%, 69%
XYZ	19.2090, 9.7519, 7.7074
YIQ	61.2880, 80.5000, 60.9480

# Conversions

## Conversions Part 2

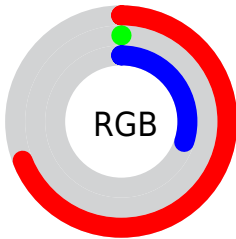
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 0, 76
Decimal	11534412
CIE Lab	37.39, 63.28, 9.32
CIE LCh	37, 63.961, 8.383
Yxy	9.7519, 0.5239, 0.2659
Android (android.graphics.Color)	4289724492 (0xFFB0004C)
YUV	61.2880, 7.2530, 100.6024
Hunter-Lab	31.2280, 55.1499, 7.2263

# Details

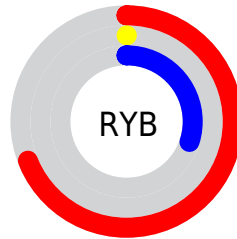
The Hex color **B0004C** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **00B064**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **ED507C**, and **740021** is the 20% darker color. If you saturate the color by 10%, you get **B0004C**, and if you desaturate by 10%, it is **B01256**.

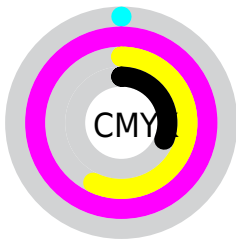
# Distribution



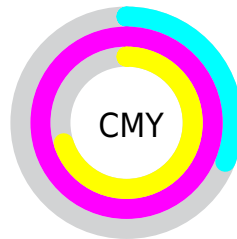
- Red (69%)
- Green (0%)
- Blue (30%)



- Red (69%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0004C 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 B0004C by changing the saturation by 10% instead.



 B0004C

 B0004C

FFFFFF

 920036

 ED507C

 740021

 FF6D96

 570009

 FF8AB1

 3B0002

 FFA7CC

 140000

 FFC4E8

 000000

 FFE1FF

 B0004C

 B01256

 B02360

 B0356A

 B04674

 B0587E

 B06A88

 B07B92

 B08D9C

 B09EA6

# Harmonies

## Analogous

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



9E1E7F



B0004C



A6281A

# Triad

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



B0004C



216600



0068B9

# Complementary

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



B0004C



00B064

# 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.



006D98



B0004C



006B2F

# Square

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



B0004C



5F5B00



006E66



005AC0

# Rectangle

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



B0004C



943E00



006E66



006AB0



# Sweetspot

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



B0004C



E6A1BE



6400B0



73495B



F2F2F2



737373



# Same Dimension

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



B0004C



E60063



B00C00



595054



990042



1A000B



# Inverse Universe

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



B0004C



E60063



00A4B0



595054



990042



1A000B



# Previews

## White Background



This preview shows how the Hex color B0004C looks on a white background.

## Color Contrast Check

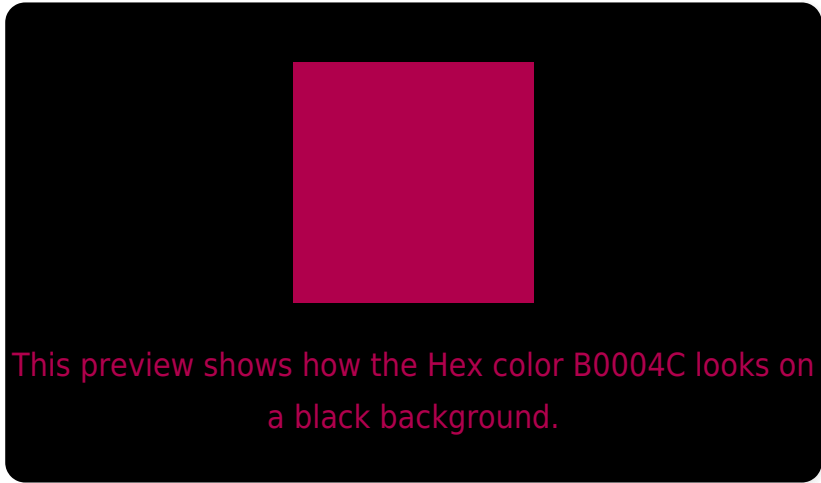
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 B0004C Background



This preview shows how black text looks on a background with the Hex color B0004C.

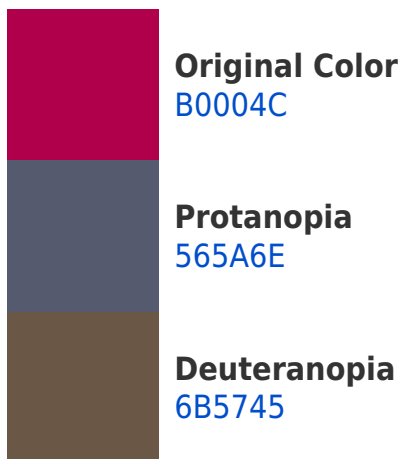


This preview shows how white text looks on a background with the Hex color B0004C.

# 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**  
B0004C



**Protanomaly**  
773962



**Deuteranomaly**  
843748

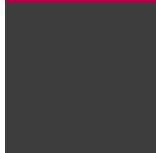


**Tritanomaly**  
AF132E

# Monochromacy



**Original Color**  
B0004C



**Achromatopsia**  
3D3D3D



**Achromatomaly**  
672742

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0004C 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 #B0004C looks like.

```
.text, #text, p{  
    color:#B0004C  
}
```

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 #B0004C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0004C
}
```

## Border

The CSS property to change the border of an element to Hex B0004C is called "border". The border property can be set on classes, ids or directly on the HTML element.

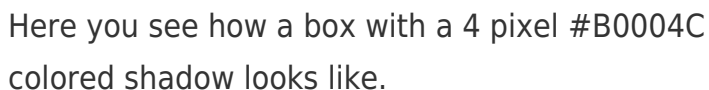
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B0004C }
```

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

```
.border{ border-color:#B0004C }
```

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



Here you see how a box with a 4 pixel `#B0004C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0004C; -webkit-box-shadow:4px 4px  
4px 4px #B0004C; box-shadow:4px 4px 4px  
4px #B0004C }
```

# Background

The CSS property to change the background color of an element to Hex B0004C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0004C }
```

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

```
.background{ background-color:#B0004C }
```

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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