

# Converting Colors

Hex(B1004C)

Have a look what the booklet for  
Hex(B1004C) contains.

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**Color**

**Hex(B1004C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1004C
RGB	177, 0, 76
RGB Percent	69%, 0%, 30%
CMY	0.3059, 1.0000, 0.7020
CMYK	0.00, 1.00, 0.57, 0.31
HSL	334°, 100%, 35%
HSV	334°, 100%, 69%
XYZ	19.4360, 9.8689, 7.7180
YIQ	61.5870, 81.0960, 61.1600

# Conversions

## Conversions Part 2

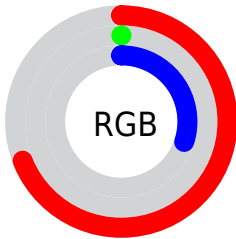
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 0, 76
Decimal	11599948
CIELab	37.61, 63.51, 9.65
CIElCh	38, 64.241, 8.642
Yxy	9.8689, 0.5250, 0.2666
Android (android.graphics.Color)	4289790028 (0xFFB1004C)
YUV	61.5870, 7.1056, 101.2172
Hunter-Lab	31.4148, 55.4598, 7.4240

# Details

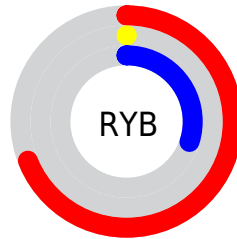
The Hex color **B1004C** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **00B165**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **EE517C**, and **750021** is the 20% darker color. If you saturate the color by 10%, you get **B1004C**, and if you desaturate by 10%, it is **B11256**.

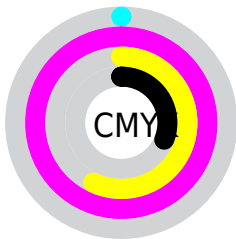
# Distribution



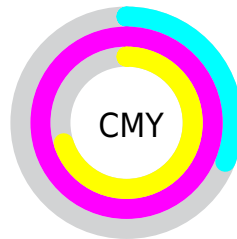
- Red (69%)
- Green (0%)
- Blue (30%)



- 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 B1004C 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 B1004C by changing the saturation by 10% instead.



 B1004C

 B1004C

FFFFFF

 930036

 EE517C

 750021

 FF6E96

 580009

 FF8AB1

 3C0003

 FFA7CC

 160000

 FFC4E8

 000000

 FFE1FF

 B1004C

 B11256

 B12360

 B1356A

 B14774

 B1597F

 B16A89

 B17C93

 B18E9D

 B19FA7

# Harmonies

## Analogous

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



A01D7F



B1004C



A72919

# Triad

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



B1004C



206700



0068BA

# Complementary

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



B1004C



00B165

# 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.



006E99



B1004C



006C30

# Square

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



B1004C



5F5B00



006E67



005BC1

# Rectangle

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



B1004C



953F00



006E67



006BB2



# Sweetspot

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



B1004C



E6A1BE



6400B1



73495B



F2F2F2



737373



# Same Dimension

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



B1004C



E60063



B10C00



595054



990042



1A000B



# Inverse Universe

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



B1004C



E60063



00A5B1



595054



990042



1A000B



# Previews

## White Background



This preview shows how the Hex color B1004C looks on a white background.

## Color Contrast Check

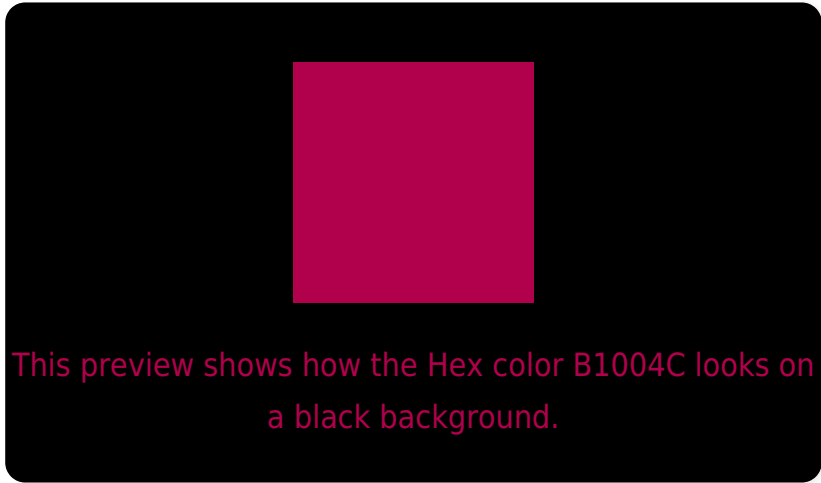
Large Text (above 18pt) WCAG AA ✓ Pass

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 B1004C Background



This preview shows how black text looks on a background with the Hex color B1004C.

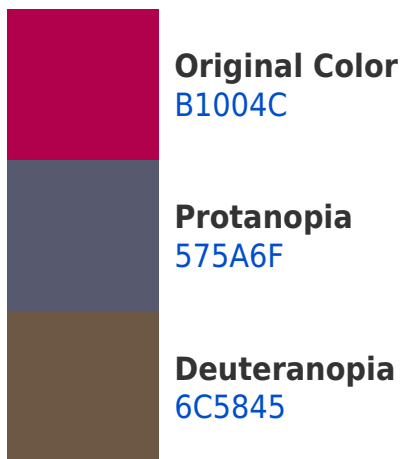


This preview shows how white text looks on a background with the Hex color B1004C.

# 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**  
B1004C



**Protanomaly**  
783962



**Deuteranomaly**  
853848



**Tritanomaly**  
B0132E

# Monochromacy



**Original Color**  
B1004C



**Achromatopsia**  
3E3E3E



**Achromatomaly**  
682743

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1004C 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 #B1004C looks like.

```
.text, #text, p{  
    color:#B1004C  
}
```

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 #B1004C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1004C
}
```

## Border

The CSS property to change the border of an element to Hex B1004C is called "border". The border property can be set on classes, ids or directly on the HTML element.

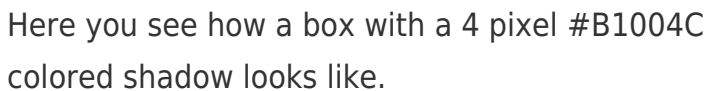
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B1004C }
```

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

```
.border{ border-color:#B1004C }
```

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



Here you see how a box with a 4 pixel #B1004C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1004C; -webkit-box-shadow:4px 4px  
4px 4px #B1004C; box-shadow:4px 4px 4px  
4px #B1004C }
```

# Background

The CSS property to change the background color of an element to Hex B1004C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1004C }
```

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

```
.background{ background-color:#B1004C }
```

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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