

Converting Colors

Hex(B9004D)

Have a look what the booklet for
Hex(B9004D) contains.

Hex(B9004D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B9004D)

Conversions

Conversions Part 1

Format	Color
Hex	B9004D
RGB	185, 0, 77
RGB Percent	73%, 0%, 30%
CMY	0.2745, 1.0000, 0.6980
CMYK	0.00, 1.00, 0.58, 0.27
HSL	335°, 100%, 36%
HSV	335°, 100%, 73%
XYZ	21.3471, 10.8501, 7.9903
YIQ	64.0930, 85.5430, 63.1670

Conversions

Conversions Part 2

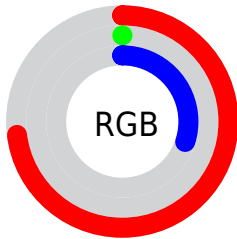
Format	Color
R_{YB}	185, 0, 77
Decimal	12124237
CIE Lab	39.33, 65.45, 11.66
CIE LCh	39, 66.480, 10.099
Yxy	10.8501, 0.5312, 0.2700
Android (android.graphics.Color)	4290314317 (0xFFB9004D)
YUV	64.0930, 6.3632, 106.0354
Hunter-Lab	32.9395, 58.0365, 8.6753

Details

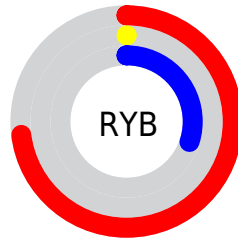
The Hex color **B9004D** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **00B96C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **F7537E**, and **7C0022** is the 20% darker color. If you saturate the color by 10%, you get **B9004D**, and if you desaturate by 10%, it is **B91258**.

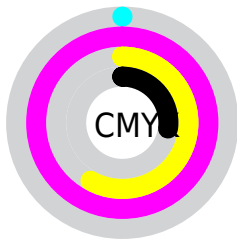
Distribution



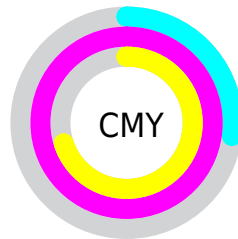
- Red (73%)
- Green (0%)
- Blue (30%)



- Red (73%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (27%)



- Cyan (27%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9004D 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 B9004D by changing the saturation by 10% instead.

 B9004D

 B9004D

FFFFFF

 9B0037

 F7537E

 7C0022

 FF7097

 5F000B

 FF8DB2

 430003

 FFA9CD

 210001

 FFC7E9

 000000

 FFE4FF

 B9004D

 B91258

 B92563

 B9386D

 B94A78

 B95D83

 B96F8E

 B98299

 B994A3

 B9A7AE

Harmonies

Analogous

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



A81C83



B9004D



AD2D18

Triad

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



B9004D



1C6C00



006DC3

Complementary

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



B9004D



00B96C

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.



0072A2



B9004D



007135

Square

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



B9004D



616000



00736E



005EC9

Rectangle

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



B9004D



9A4300



00736E



006FBB

Sweetspot

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



B9004D



F0A8C6



6C00B9



784D5F



F7F7F7



787878

Same Dimension

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



B9004D



F00064



B90F00



5C5356



9C0041



1C000C

Inverse Universe

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



B9004D



F00064



00AAB9



5C5356



9C0041



1C000C

Previews

White Background



This preview shows how the Hex color B9004D looks on a white background.

Color Contrast Check

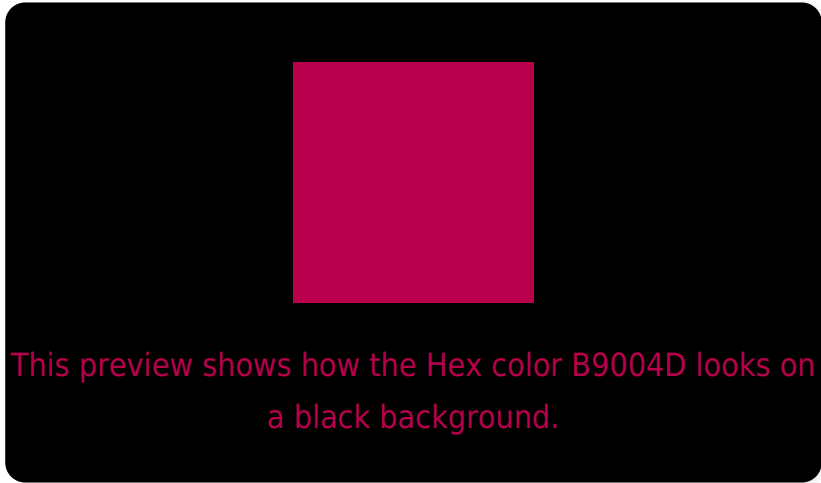
Large Text (above 18pt) WCAG AA ✓ Pass

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 B9004D Background



This preview shows how black text looks on a background with the Hex color B9004D.



This preview shows how white text looks on a background with the Hex color B9004D.

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
B9004D

Protanopia
5C5E70

Deuteranopia
715B45



Tritanopia
B71F1D

Trichromacy



Original Color
B9004D



Protanomaly
7E3C63



Deuteranomaly
8B3A48



Tritanomaly
B8142E

Monochromacy



Original Color
B9004D



Achromatopsia
404040



Achromatomaly
6C2945

CSS Examples

Text

The CSS property to change the color of the text to Hex B9004D 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 #B9004D looks like.

```
.text, #text, p{  
    color:#B9004D  
}
```

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 #B9004D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9004D
}
```

Border

The CSS property to change the border of an element to Hex B9004D 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".

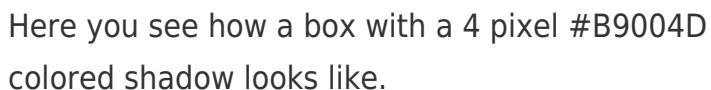
```
.border, #border, table{ border:4px solid
#B9004D }
```

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

```
.border{ border-color:#B9004D }
```

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

Here you see how a box with a 4 pixel #B9004D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9004D; -webkit-box-shadow:4px 4px  
4px 4px #B9004D; box-shadow:4px 4px 4px  
4px #B9004D }
```

Background

The CSS property to change the background color of an element to Hex B9004D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9004D }
```

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

```
.background{ background-color:#B9004D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor