

Converting Colors

Hex(B9237F)

Have a look what the booklet for
Hex(B9237F) contains.

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Color

Hex(B9237F)

Conversions

Conversions Part 1

Format	Color
Hex	B9237F
RGB	185, 35, 127
RGB Percent	73%, 14%, 50%
CMY	0.2745, 0.8627, 0.5020
CMYK	0.00, 0.81, 0.31, 0.27
HSL	323°, 68%, 43%
HSV	323°, 81%, 73%
XYZ	24.4394, 13.0487, 21.3092
YIQ	90.3380, 59.8680, 60.4120

Conversions

Conversions Part 2

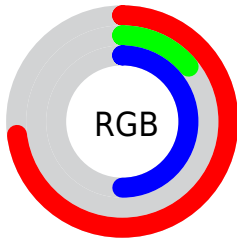
Format	Color
R_{YB}	185, 35, 127
Decimal	12133247
CIE _{Lab}	42.84, 64.34, -14.68
CIE _{LCh}	43, 65.993, 347.151
Yxy	13.0487, 0.4157, 0.2219
Android (android.graphics.Color)	4290323327 (0xFFB9237F)
YUV	90.3380, 18.0744, 83.0186
Hunter-Lab	36.1229, 57.5511, -9.6896

Details

The Hex color **B9237F** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **23B95D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F562B4**, and **7F004E** is the 20% darker color. If you saturate the color by 10%, you get **B91078**, and if you desaturate by 10%, it is **B93686**.

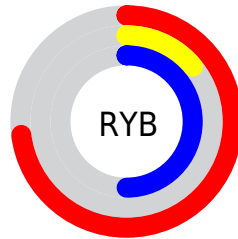
Distribution



Red (73%)

Green (14%)

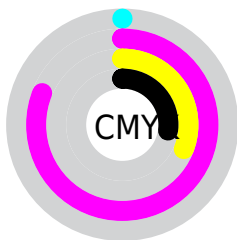
Blue (50%)



Red (73%)

Yellow (14%)

Blue (50%)

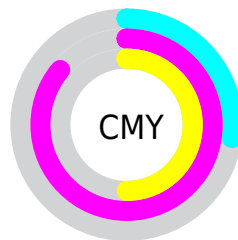


Cyan (0%)

Magenta (81%)

Yellow (31%)

Black (27%)



Cyan (27%)

Magenta (86%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9237F 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 B9237F by changing the saturation by 10% instead.

 B9237F

 B9237F

FFFFFF

 9C0066

 F562B4

 7F004E

 FF7ECF

 630037

 FF9BEC

 480022

 FFB8FF

 2C0007

 FFD5FF

 000000

 FFF2FF

 B9237F

 B9237F

 B91078

 B93686

 B90071

 B9488D

 B95A94

 B96D9C

 B980A3

 B992AA

 B9A5B1

 B9B7B8

 B9CABF

Harmonies

Analogous

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



8D45B0



B9237F



C31F49

Triad

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



B9237F



5E6C00



007BB5

Complementary

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



B9237F



23B95D

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.



007D84



B9237F



00760A

Square

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



B9237F



8E5A00



007B4B



0073D1

Rectangle

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



B9237F



BA3426



007B4B



007CA6

Sweetspot

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



B9237F



F0B6D9



5C23B9



78556A



F7F7F7



787878

Same Dimension

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



B9237F



F00796



B92335



5C5358



9C005F



1C0011

Inverse Universe

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



B9237F



F00796



23B9A8



5C5358



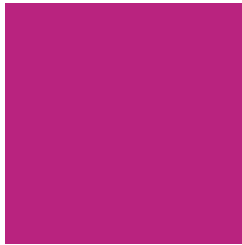
9C005F



1C0011

Previews

White Background



This preview shows how the Hex color B9237F looks on a white background.

Color Contrast Check

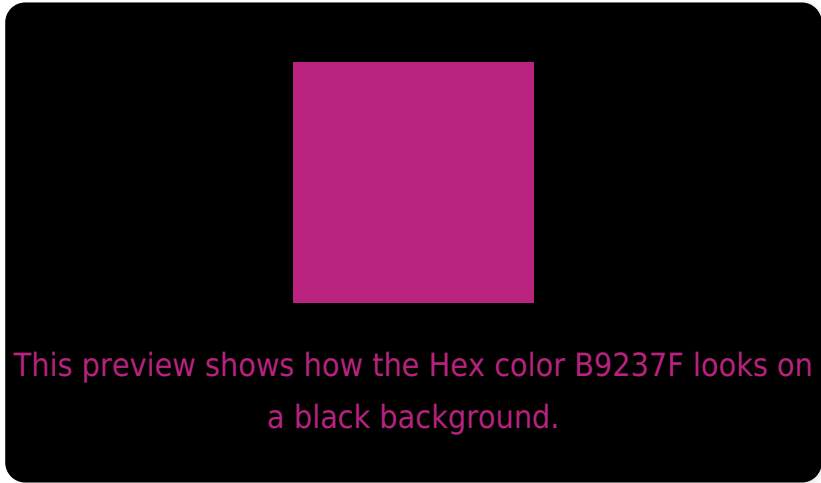
Large Text (above 18pt) WCAG AA ✓ Pass

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 B9237F Background



This preview shows how black text looks on a background with the Hex color B9237F.

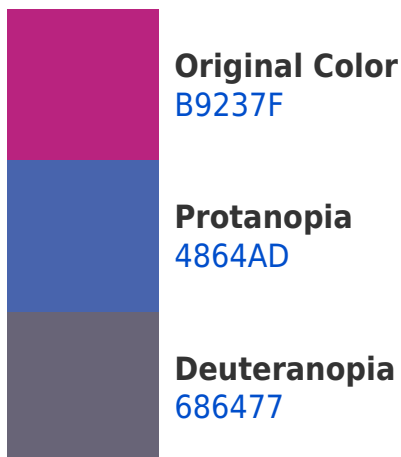



This preview shows how white text looks on a background with the Hex color B9237F.

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





Tritanopia
B43A3D

Trichromacy



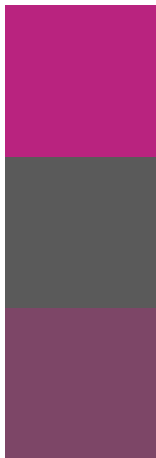
Original Color
B9237F

Protanomaly
714C9C

Deuteranomaly
854C7A

Tritanomaly
B63255

Monochromacy



Original Color
B9237F

Achromatopsia
5A5A5A

Achromatomaly
7D4667

CSS Examples

Text

The CSS property to change the color of the text to Hex B9237F 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 #B9237F looks like.

```
.text, #text, p{  
    color:#B9237F  
}
```

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 #B9237F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9237F }  
}
```

Border

The CSS property to change the border of an element to Hex B9237F is called "border". The border property can be set on classes, ids or directly on the HTML element.

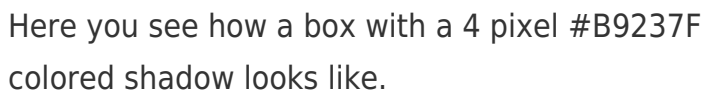
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B9237F }  
}
```

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

```
.border{ border-color:#B9237F }
```

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



Here you see how a box with a 4 pixel `#B9237F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9237F; -webkit-box-shadow:4px 4px  
4px 4px #B9237F; box-shadow:4px 4px 4px  
4px #B9237F }
```

Background

The CSS property to change the background color of an element to Hex B9237F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9237F }
```

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

```
.background{ background-color:#B9237F }
```

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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