

Converting Colors

Hex(B9217D)

Have a look what the booklet for
Hex(B9217D) contains.

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Color

Hex(B9217D)

Conversions

Conversions Part 1

Format	Color
Hex	B9217D
RGB	185, 33, 125
RGB Percent	73%, 13%, 49%
CMY	0.2745, 0.8706, 0.5098
CMYK	0.00, 0.82, 0.32, 0.27
HSL	324°, 70%, 43%
HSV	324°, 82%, 73%
XYZ	24.2531, 12.8827, 20.6104
YIQ	88.9360, 61.0600, 60.8360

Conversions

Conversions Part 2

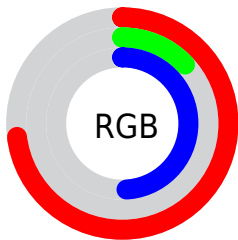
Format	Color
R_{YB}	185, 33, 125
Decimal	12132733
CIE _{Lab}	42.59, 64.61, -13.82
CIE _{LCh}	43, 66.073, 347.923
Yxy	12.8827, 0.4200, 0.2231
Android (android.graphics.Color)	4290322813 (0xFFB9217D)
YUV	88.9360, 17.7796, 84.2481
Hunter-Lab	35.8924, 57.8036, -8.9211

Details

The Hex color **B9217D** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **21B95D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **F561B2**, and **7F004C** is the 20% darker color. If you saturate the color by 10%, you get **B90E76**, and if you desaturate by 10%, it is **B93484**.

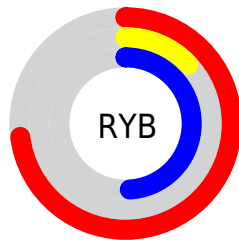
Distribution



Red (73%)

Green (13%)

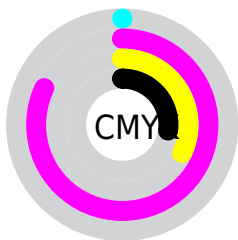
Blue (49%)



Red (73%)

Yellow (13%)

Blue (49%)

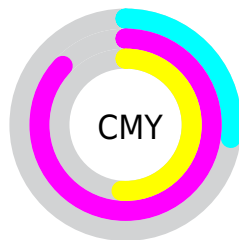


Cyan (0%)

Magenta (82%)

Yellow (32%)

Black (27%)



Cyan (27%)

Magenta (87%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9217D 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 B9217D by changing the saturation by 10% instead.

 B9217D

 B9217D

FFFFFF

 9C0064

 F561B2

 7F004C

 FF7DCD

 620035

 FF9AE9

 470020

 FFB7FF

 2C0004

 FFD4FF

 000000

 FFF1FF

 B9217D

 B9217D

 B90E76

 B93484

 B90070

 B9468C

 B95993

 B96B9A

 B97EA2

 B990A9

 B9A3B0

 B9B5B7

 B9C8BF

Harmonies

Analogous

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



8E43AF



B9217D



C21F47

Triad

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



B9217D



5C6C00



007AB5

Complementary

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



B9217D



21B95D

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.



007C85



B9217D



00760C

Square

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



B9217D



8D5A00



007B4C



0072D0

Rectangle

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



B9217D



B93424



007B4C



007BA7

Sweetspot

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



B9217D



F0B4D8



5B21B9



78546A



F7F7F7



787878

Same Dimension

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



B9217D



F00292



B92133



5C5358



9C005E



1C0011

Inverse Universe

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



B9217D



F00292



21B9A7



5C5358



9C005E



1C0011

Previews

White Background



This preview shows how the Hex color B9217D looks on a white background.

Color Contrast Check

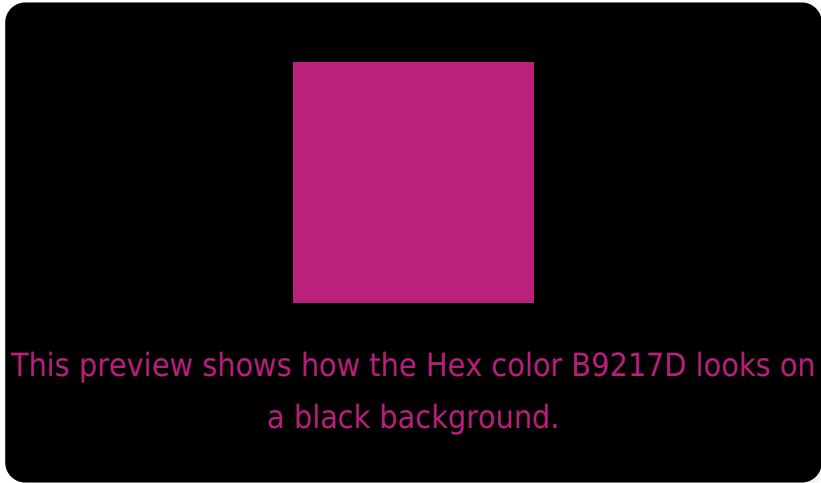
Large Text (above 18pt) WCAG AA ✓ Pass

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 B9217D Background



This preview shows how black text looks on a background with the Hex color B9217D.

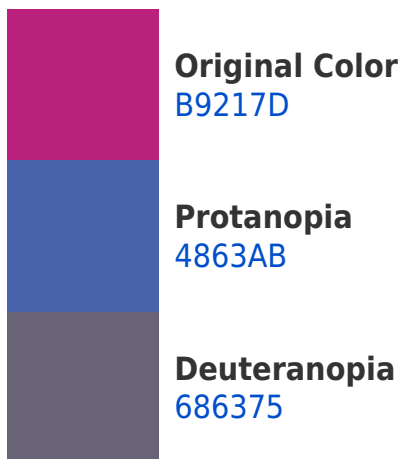



This preview shows how white text looks on a background with the Hex color B9217D.

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](#).

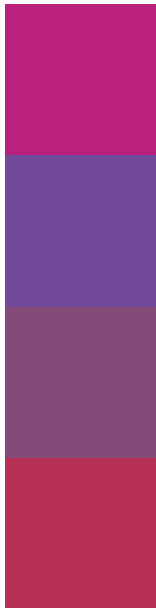
Dichromacy





Tritanopia
B4393B

Trichromacy



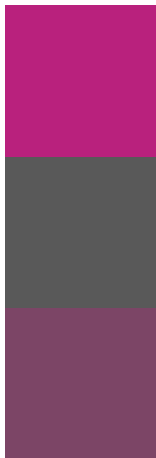
Original Color
B9217D

Protanomaly
714B9A

Deuteranomaly
854B78

Tritanomaly
B63053

Monochromacy



Original Color
B9217D

Achromatopsia
595959

Achromatomaly
7C4566

CSS Examples

Text

The CSS property to change the color of the text to Hex B9217D 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 #B9217D looks like.

```
.text, #text, p{  
    color:#B9217D  
}
```

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 #B9217D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9217D
}
```

Border

The CSS property to change the border of an element to Hex B9217D 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
#B9217D }
```

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

```
.border{ border-color:#B9217D }
```

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

Here you see how a box with a 4 pixel #B9217D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9217D; -webkit-box-shadow:4px 4px  
4px 4px #B9217D; box-shadow:4px 4px 4px  
4px #B9217D }
```

Background

The CSS property to change the background color of an element to Hex B9217D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9217D }
```

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

```
.background{ background-color:#B9217D }
```

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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