

Converting Colors

Hex(B221A9)

Have a look what the booklet for
Hex(B221A9) contains.

Hex(B221A9)	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(B221A9)

Conversions

Conversions Part 1

Format	Color
Hex	B221A9
RGB	178, 33, 169
RGB Percent	70%, 13%, 66%
CMY	0.3020, 0.8706, 0.3373
CMYK	0.00, 0.81, 0.05, 0.30
HSL	304°, 69%, 41%
HSV	304°, 81%, 70%
XYZ	26.0654, 13.4173, 38.7521
YIQ	91.8590, 42.7640, 73.0360

Conversions

Conversions Part 2

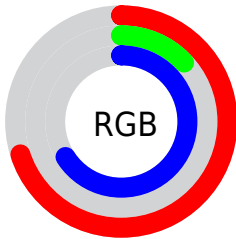
Format	Color
R_{YB}	178, 33, 169
Decimal	11674025
CIE _{Lab}	43.39, 68.88, -39.35
CIE _{LCh}	43, 79.322, 330.262
Yxy	13.4173, 0.3332, 0.1715
Android (android.graphics.Color)	4289864105 (0xFFB221A9)
YUV	91.8590, 38.0305, 75.5457
Hunter-Lab	36.6296, 62.9177, -37.0849

Details

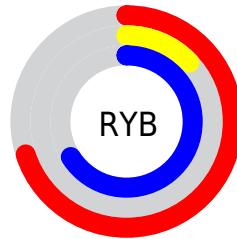
The Hex color **B221A9** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **21B22A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **ED61E1**, and **790074** is the 20% darker color. If you saturate the color by 10%, you get **B20FA8**, and if you desaturate by 10%, it is **B233AA**.

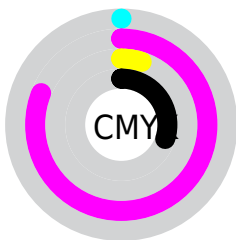
Distribution



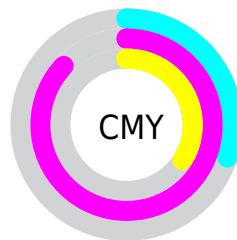
- Red (70%)
- Green (13%)
- Blue (66%)



- Red (70%)
- Yellow (13%)
- Blue (66%)



- Cyan (0%)
- Magenta (81%)
- Yellow (5%)
- Black (30%)



- Cyan (30%)
- Magenta (87%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color B221A9 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 B221A9 by changing the saturation by 10% instead.

 B221A9

 B221A9

FFFFFF

 95008E

 ED61E1

 790074

 FF7EFE

 5D005B

 FF9BFF

 430043

 FFB8FF

 27002C

 FFD5FF

 000116

 FFF3FF

 000000

 B221A9

 B221A9

 B20FA8

 B233AA

 B200A7

 B245AB

 B256AC

 B268AD

 B27AAF

 B28CB0

 B29EB1

 B2AFB2

 B2C1B3

Harmonies

Analogous

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



5654DA



B221A9



D30069

Triad

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



B221A9



7D6400



0081A8

Complementary

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



B221A9



21B22A

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.



008065



B221A9



387500

Square

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



B221A9



AF4600



007D1C



007DDA

Rectangle

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



B221A9



D3003E



007D1C



008193

Sweetspot

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



B221A9



E8B0E5



2821B2



755373



F5F5F5



757575

Same Dimension

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



B221A9



E805DA



B22162



595059



990090



1A0018

Inverse Universe

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



B221A9



E805DA



21B271



595059



990090



1A0018

Previews

White Background



This preview shows how the Hex color B221A9 looks on a white background.

Color Contrast Check

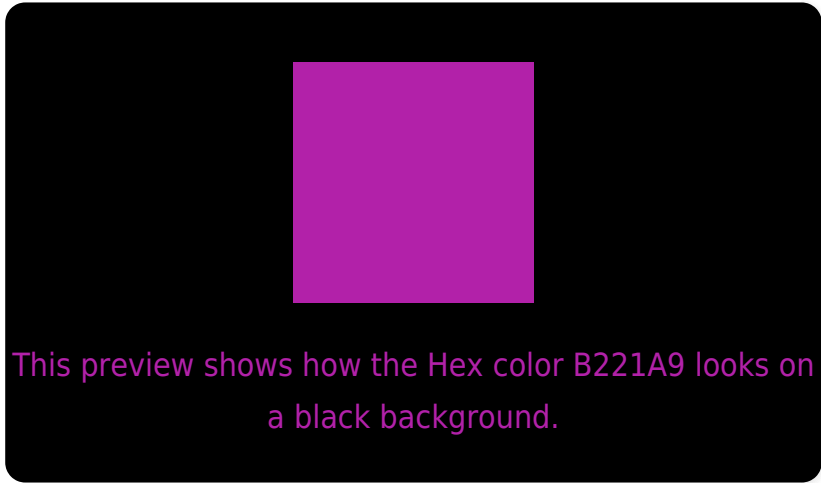
Large Text (above 18pt) WCAG AA ✓ Pass

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

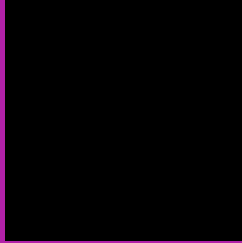
Any Text WCAG AA × Fail

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 B221A9 Background



This preview shows how black text looks on a background with the Hex color B221A9.

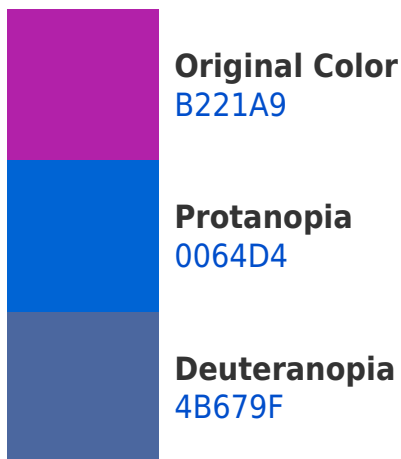



This preview shows how white text looks on a background with the Hex color B221A9.

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
A8484C

Trichromacy



Original Color
B221A9



Protanomaly
414CC4



Deuteranomaly
704EA3



Tritanomaly
AC3A6E

Monochromacy



Original Color
B221A9



Achromatopsia
5C5C5C



Achromatomaly
7B4778

CSS Examples

Text

The CSS property to change the color of the text to Hex B221A9 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 #B221A9 looks like.

```
.text, #text, p{  
    color:#B221A9  
}
```

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 #B221A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B221A9
}
```

Border

The CSS property to change the border of an element to Hex B221A9 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".

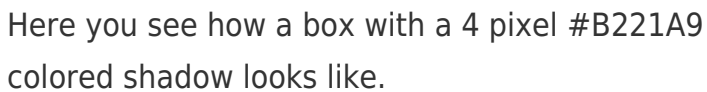
```
.border, #border, table{ border:4px solid
#B221A9 }
```

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

```
.border{ border-color:#B221A9 }
```

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

Here you see how a box with a 4 pixel #B221A9 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #B221A9 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B221A9; -webkit-box-shadow:4px 4px  
4px 4px #B221A9; box-shadow:4px 4px 4px  
4px #B221A9 }
```

Background

The CSS property to change the background color of an element to Hex B221A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B221A9 }
```

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

```
.background{ background-color:#B221A9 }
```

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