

Converting Colors

Hex(B21A9E)

Have a look what the booklet for
Hex(B21A9E) contains.

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Color

Hex(B21A9E)

Conversions

Conversions Part 1

Format	Color
Hex	B21A9E
RGB	178, 26, 158
RGB Percent	70%, 10%, 62%
CMY	0.3020, 0.8980, 0.3804
CMYK	0.00, 0.85, 0.11, 0.30
HSL	308°, 75%, 40%
HSV	308°, 85%, 70%
XYZ	24.9010, 12.6724, 33.4813
YIQ	86.4960, 48.2200, 73.2760

Conversions

Conversions Part 2

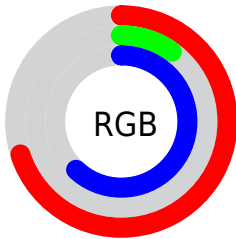
Format	Color
RYB	178, 26, 158
Decimal	11672222
CIELab	42.27, 68.79, -34.54
CIELCh	42, 76.974, 333.342
Yxy	12.6724, 0.3504, 0.1783
Android (android.graphics.Color)	4289862302 (0xFFB21A9E)
YUV	86.4960, 35.2515, 80.2490
Hunter-Lab	35.5983, 62.5639, -30.8453

Details

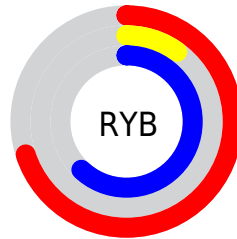
The Hex color **B21A9E** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **1AB22E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **ED5DD5**, and **79006A** is the 20% darker color. If you saturate the color by 10%, you get **B2089C**, and if you desaturate by 10%, it is **B22CA0**.

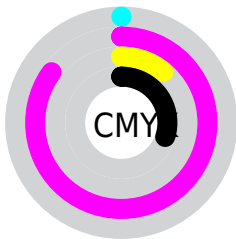
Distribution



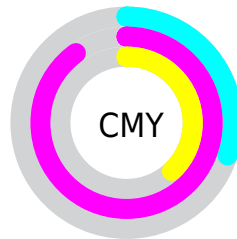
- Red (70%)
- Green (10%)
- Blue (62%)



- Red (70%)
- Yellow (10%)
- Blue (62%)



- Cyan (0%)
- Magenta (85%)
- Yellow (11%)
- Black (30%)



- Cyan (30%)
- Magenta (90%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color B21A9E 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 B21A9E by changing the saturation by 10% instead.

 B21A9E

 B21A9E

FFFFFF

 950084

 ED5DD5

 79006A

 FF7AF2

 5D0051

 FF97FF

 43003A

 FFB4FF

 270023

 FFD1FF

 00000A

 FFEFFF

 000000

 B21A9E

 B21A9E

 B2089C

 B22CA0

 B2009B

 B23EA3

 B24FA5

 B261A7

 B273AA

 B285AC

 B297AE

 B2A8B1

 B2BAB3

Harmonies

Analogous

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



634ED0



B21A9E



CE0060

Triad

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



B21A9E



746400



007DA9

Complementary

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



B21A9E



1AB22E

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.



007D69



B21A9E



2D7300

Square

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



B21A9E



A54900



007A24



0079D6

Rectangle

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



B21A9E



CC0036



007A24



007E95

Sweetspot

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



B21A9E



E8ACE0



2C1AB2



755171



F5F5F5



757575

Same Dimension

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



B21A9E



E800CA



B21A54



595058



990085



1A0016

Inverse Universe

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



B21A9E



E800CA



1AB278



595058



990085



1A0016

Previews

White Background



This preview shows how the Hex color B21A9E looks on a white background.

Color Contrast Check

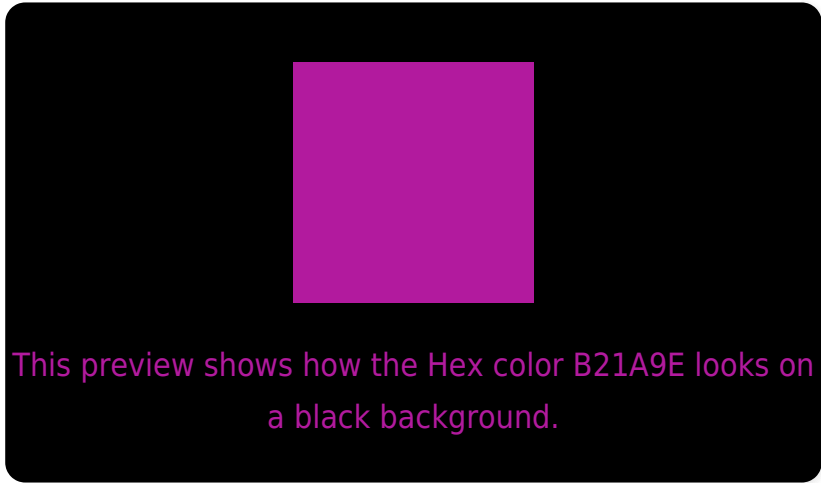
Large Text (above 18pt) WCAG AA ✓ Pass

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

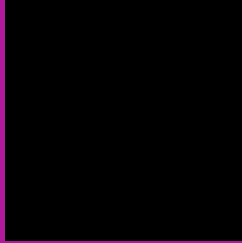
Any Text WCAG AA × Fail

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 B21A9E Background



This preview shows how black text looks on a background with the Hex color B21A9E.




This preview shows how white text looks on a background with the Hex color B21A9E.

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
AA4246

Trichromacy



Original Color
B21A9E



Protanomaly
4147BD



Deuteranomaly
744998



Tritanomaly
AD3366

Monochromacy



Original Color
B21A9E



Achromatopsia
565656



Achromatomaly
774070

CSS Examples

Text

The CSS property to change the color of the text to Hex B21A9E 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 #B21A9E looks like.

```
.text, #text, p{  
    color:#B21A9E  
}
```

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 #B21A9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B21A9E
}
```

Border

The CSS property to change the border of an element to Hex B21A9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

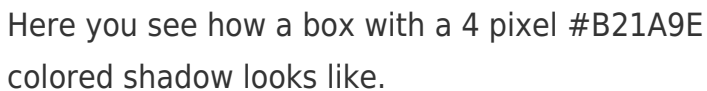
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B21A9E }
```

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

```
.border{ border-color:#B21A9E }
```

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



Here you see how a box with a 4 pixel #B21A9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B21A9E; -webkit-box-shadow:4px 4px  
4px 4px #B21A9E; box-shadow:4px 4px 4px  
4px #B21A9E }
```

Background

The CSS property to change the background color of an element to Hex B21A9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B21A9E }
```

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

```
.background{ background-color:#B21A9E }
```

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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