

Converting Colors

Hex(B21AA2)

Have a look what the booklet for
Hex(B21AA2) contains.

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Color

Hex(B21AA2)

Conversions

Conversions Part 1

Format	Color
Hex	B21AA2
RGB	178, 26, 162
RGB Percent	70%, 10%, 64%
CMY	0.3020, 0.8980, 0.3647
CMYK	0.00, 0.85, 0.09, 0.30
HSL	306°, 75%, 40%
HSV	306°, 85%, 70%
XYZ	25.2511, 12.8124, 35.3246
YIQ	86.9520, 46.9360, 74.5200

Conversions

Conversions Part 2

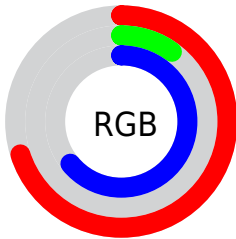
Format	Color
R_{YB}	178, 26, 162
Decimal	11672226
CIE _{Lab}	42.48, 69.36, -36.60
CIE _{LCh}	42, 78.426, 332.181
Yxy	12.8124, 0.3441, 0.1746
Android (android.graphics.Color)	4289862306 (0xFFB21AA2)
YUV	86.9520, 36.9987, 79.8491
Hunter-Lab	35.7944, 63.2821, -33.4557

Details

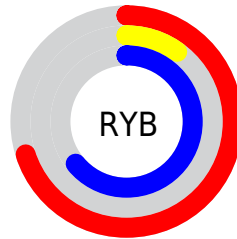
The Hex color **B21AA2** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **1AB22A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **ED5DD9**, and **79006E** is the 20% darker color. If you saturate the color by 10%, you get **B208A0**, and if you desaturate by 10%, it is **B22CA4**.

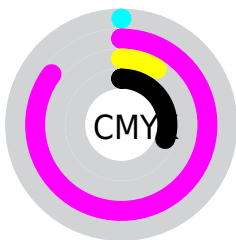
Distribution



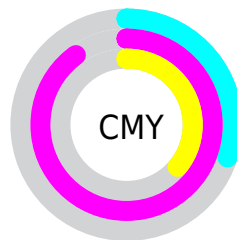
- Red (70%)
- Green (10%)
- Blue (64%)



- Red (70%)
- Yellow (10%)
- Blue (64%)



- Cyan (0%)
- Magenta (85%)
- Yellow (9%)
- Black (30%)



- Cyan (30%)
- Magenta (90%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B21AA2 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 B21AA2 by changing the saturation by 10% instead.

 B21AA2

 B21AA2

FFFFFF

 950087

 ED5DD9

 79006E

 FF7AF6

 5D0055

 FF97FF

 43003D

 FFB4FF

 270027

 FFD1FF

 00010F

 FFEFFF

 000000

 B21AA2

 B21AA2

 B208A0

 B22CA4

 B2009F

 B23EA6

 B24FA8

 B261A9

 B273AB

 B285AD

 B297AF

 B2A8B1

 B2BAB3

Harmonies

Analogous

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



5E50D4



B21AA2



D00063

Triad

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



B21AA2



776400



007EA8

Complementary

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



B21AA2



1AB22A

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.



007E67



B21AA2



307300

Square

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



B21AA2



A94700



007B20



007AD8

Rectangle

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



B21AA2



CF0039



007B20



007E94

Sweetspot

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



B21AA2



E8ACE2



291AB2



755171



F5F5F5



757575

Same Dimension

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



B21AA2



E800D0



B21A57



595058



990089



1A0017

Inverse Universe

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



B21AA2



E800D0



1AB275



595058



990089



1A0017

Previews

White Background



This preview shows how the Hex color B21AA2 looks on a white background.

Color Contrast Check

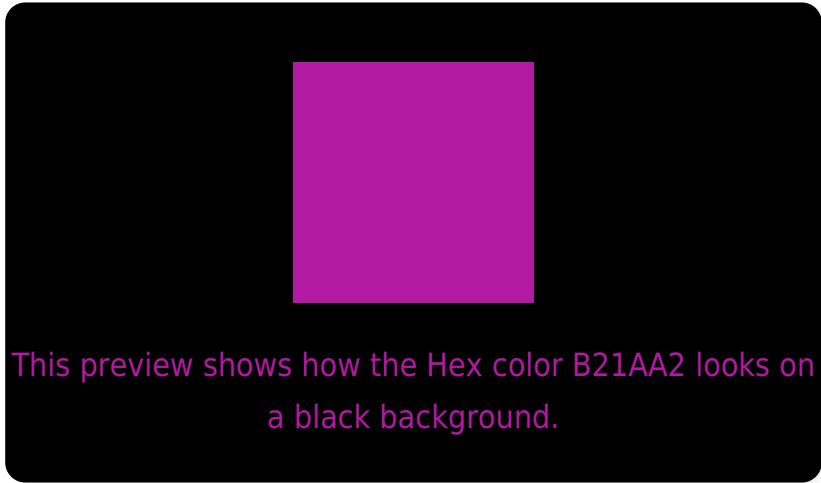
Large Text (above 18pt) WCAG AA ✓ Pass

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

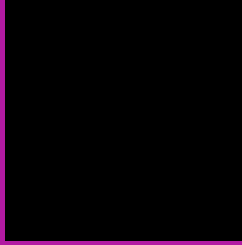
Any Text WCAG AA × Fail

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 B21AA2 Background



This preview shows how black text looks on a background with the Hex color B21AA2.



This preview shows how white text looks on a background with the Hex color B21AA2.

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
A94347

Trichromacy



Original Color
B21AA2



Protanomaly
4148BF



Deuteranomaly
724A9C



Tritanomaly
AC3468

Monochromacy



Original Color
B21AA2



Achromatopsia
575757



Achromatomaly
784172

CSS Examples

Text

The CSS property to change the color of the text to Hex B21AA2 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 #B21AA2 looks like.

```
.text, #text, p{  
    color:#B21AA2  
}
```

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 #B21AA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B21AA2
}
```

Border

The CSS property to change the border of an element to Hex B21AA2 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
#B21AA2 }
```

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

```
.border{ border-color:#B21AA2 }
```

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

Here you see how a box with a 4 pixel #B21AA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B21AA2; -webkit-box-shadow:4px 4px  
4px 4px #B21AA2; box-shadow:4px 4px 4px  
4px #B21AA2 }
```

Background

The CSS property to change the background color of an element to Hex B21AA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B21AA2 }
```

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

```
.background{ background-color:#B21AA2 }
```

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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