

Converting Colors

Hex(B22CDD)

Have a look what the booklet for
Hex(B22CDD) contains.

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Color

Hex(B22CDD)

Conversions

Conversions Part 1

Format	Color
Hex	B22CDD
RGB	178, 44, 221
RGB Percent	70%, 17%, 87%
CMY	0.3020, 0.8275, 0.1333
CMYK	0.19, 0.80, 0.00, 0.13
HSL	285°, 72%, 52%
HSV	285°, 80%, 87%
XYZ	32.3119, 16.4868, 69.8859
YIQ	104.2440, 23.0470, 83.4550

Conversions

Conversions Part 2

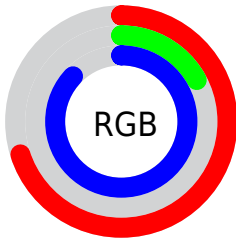
Format	Color
R_{YB}	178, 44, 221
Decimal	11676893
CIE _{Lab}	47.61, 74.79, -62.85
CIE _{LCh}	48, 97.697, 319.958
Yxy	16.4868, 0.2723, 0.1389
Android (android.graphics.Color)	4289866973 (0xFFB22CDD)
YUV	104.2440, 57.5607, 64.6840
Hunter-Lab	40.6039, 70.9904, -73.6248

Details

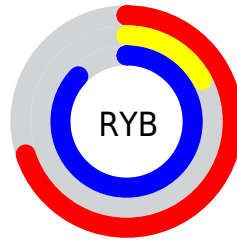
The Hex color **B22CDD** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **57DD2C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **EE6AFF**, and **7800A5** is the 20% darker color. If you saturate the color by 10%, you get **AD16DD**, and if you desaturate by 10%, it is **B742DD**.

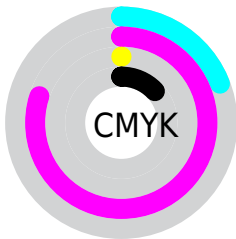
Distribution



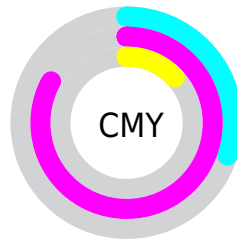
- Red (70%)
- Green (17%)
- Blue (87%)



- Red (70%)
- Yellow (17%)
- Blue (87%)



- Cyan (19%)
- Magenta (80%)
- Yellow (0%)
- Black (13%)



- Cyan (30%)
- Magenta (83%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B22CDD 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 B22CDD by changing the saturation by 10% instead.

 B22CDD

 B22CDD

FFFFFF

 9500C1

 EE6AFF

 7800A5

 FF87FF

 5B008A

 FFA4FF

 3D006F

 FFC1FF

 210056

 FFDFFF

 00003E

 FFFDFF

 000327

 000110

 000000

 B22CDD

 B22CDD

 AD16DD

 B742DD

 A700DD

 BD58DD

 C26EDD

 C784DD

 CD9BDD

 D2B1DD

 D8C7DD

 DDDDDD

 E2F3DD

Harmonies

Analogous

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



0069FF



B22CDD



EF0090

Triad

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



B22CDD



A16400



0091A8

Complementary

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



B22CDD



57DD2C

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.



008E51



B22CDD



557D00

Square

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



B22CDD



D82E00



008900



008FF0

Rectangle

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



B22CDD



F9005A



008900



00908C

Sweetspot

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



B22CDD



F0C2FF



2C58DD



775B80



000000



808080

Same Dimension

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



B22CDD



C40AFF



DD2CB1



6B636E



8300AD



23002E

Inverse Universe

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



DD2C57



FF0A46



2CDD58



6E6365



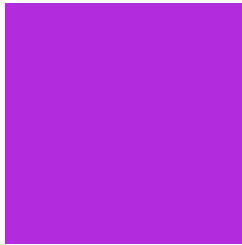
AD002A



2E000B

Previews

White Background



This preview shows how the Hex color B22CDD looks on a white background.

Color Contrast Check

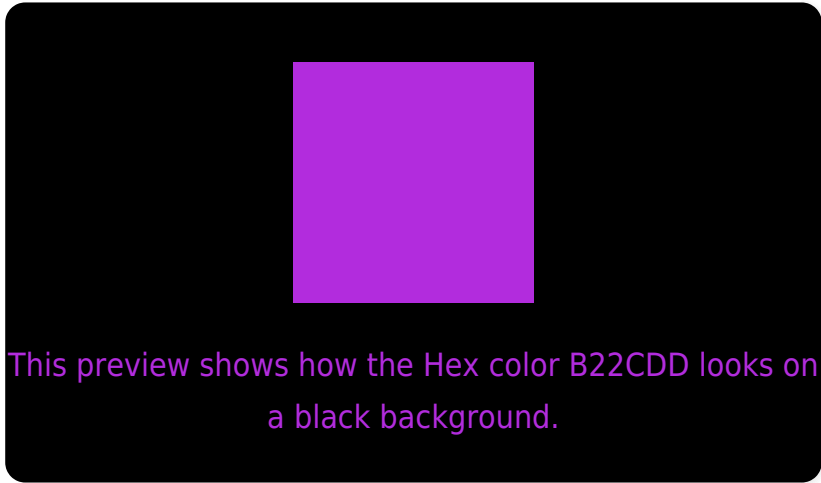
Large Text (above 18pt) WCAG AA ✓ Pass

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

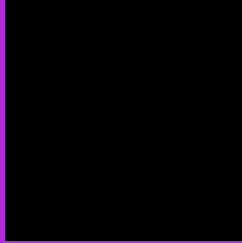
Any Text WCAG AA × Fail

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 B22CDD Background



This preview shows how black text looks on a background with the Hex color B22CDD.

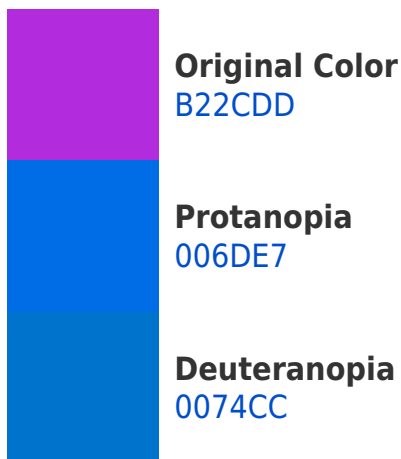


This preview shows how white text looks on a background with the Hex color B22CDD.

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](#).

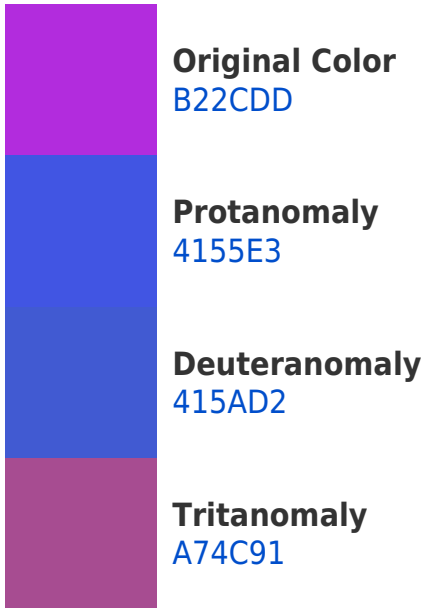
Dichromacy



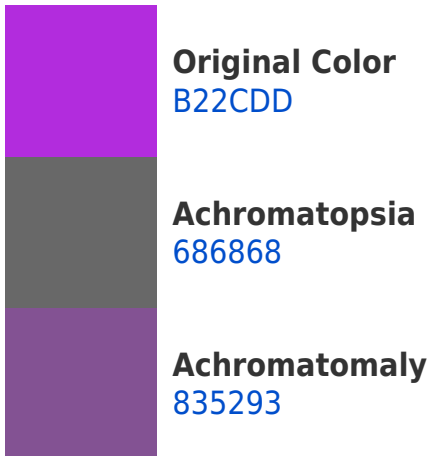


Tritanopia
A15E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B22CDD 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 #B22CDD looks like.

```
.text, #text, p{  
    color:#B22CDD  
}
```

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 #B22CDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B22CDD
}
```

Border

The CSS property to change the border of an element to Hex B22CDD 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
#B22CDD }
```

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

```
.border{ border-color:#B22CDD }
```

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

Here you see how a box with a 4 pixel #B22CDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B22CDD; -webkit-box-shadow:4px 4px  
4px 4px #B22CDD; box-shadow:4px 4px 4px  
4px #B22CDD }
```

Background

The CSS property to change the background color of an element to Hex B22CDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B22CDD }
```

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

```
.background{ background-color:#B22CDD }
```

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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