

Converting Colors

Hex(B228B2)

Have a look what the booklet for
Hex(B228B2) contains.

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Color

Hex(B228B2)

Conversions

Conversions Part 1

Format	Color
Hex	B228B2
RGB	178, 40, 178
RGB Percent	70%, 16%, 70%
CMY	0.3020, 0.8431, 0.3020
CMYK	0.00, 0.78, 0.00, 0.30
HSL	300°, 63%, 43%
HSV	300°, 78%, 70%
XYZ	27.1548, 14.1969, 43.4285
YIQ	96.9940, 37.9500, 72.1740

Conversions

Conversions Part 2

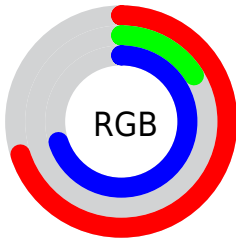
Format	Color
R_{YB}	178, 40, 178
Decimal	11675826
CIE _{Lab}	44.51, 68.47, -42.89
CIE _{LCh}	45, 80.796, 327.941
Yxy	14.1969, 0.3203, 0.1675
Android (android.graphics.Color)	4289865906 (0xFFB228B2)
YUV	96.9940, 39.9360, 71.0423
Hunter-Lab	37.6788, 62.7055, -41.9624

Details

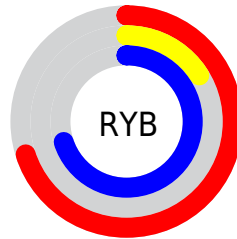
The Hex color **B228B2** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **28B228**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **ED66EA**, and **79007D** is the 20% darker color. If you saturate the color by 10%, you get **B216B2**, and if you desaturate by 10%, it is **B23AB2**.

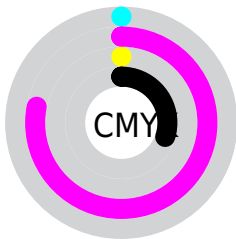
Distribution



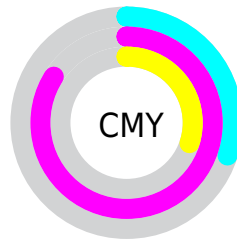
- Red (70%)
- Green (16%)
- Blue (70%)



- Red (70%)
- Yellow (16%)
- Blue (70%)



- Cyan (0%)
- Magenta (78%)
- Yellow (0%)
- Black (30%)



- Cyan (30%)
- Magenta (84%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color B228B2 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 B228B2 by changing the saturation by 10% instead.

 B228B2

 B228B2

FFFFFF

 950097

 ED66EA

 79007D

 FF82FF

 5D0063

 FF9FFF

 42004B

 FFBCFF

 280033

 FFD9FF

 00001D

 FFF7FF

 000000

 B228B2

 B228B2

 B216B2

 B23AB2

 B204B2

 B24CB2

 B200B2

 B25DB2

 B26FB2

 B281B2

 B293B2

 B2A5B2

 B2B6B2

 B2C8B2

Harmonies

Analogous

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



4B59E2



B228B2



D70071

Triad

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



B228B2



856500



0084A7

Complementary

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



B228B2



28B228

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.



008463



B228B2



417700

Square

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



B228B2



B64500



008015



0081DC

Rectangle

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



B228B2



D90045



008015



008491

Sweetspot

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



B228B2



E8B3E8



2828B2



755475



F5F5F5



757575

Same Dimension

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



B228B2



E810E8



B2286D



595059



990099



1A001A

Inverse Universe

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



B228B2



E810E8



28B26D



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color B228B2 looks on a white background.

Color Contrast Check

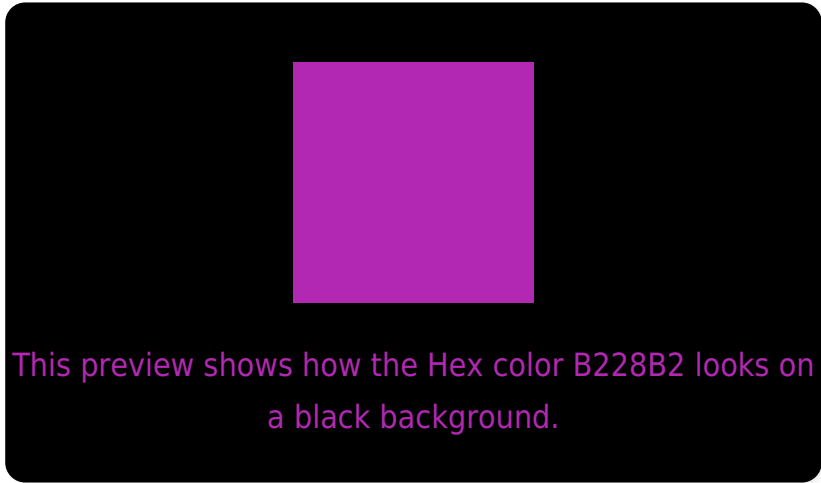
Large Text (above 18pt) WCAG AA ✓ Pass

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

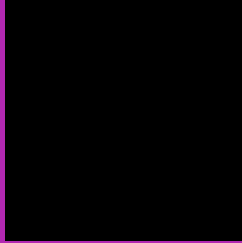
Any Text WCAG AA × Fail

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 B228B2 Background



This preview shows how black text looks on a background with the Hex color B228B2.

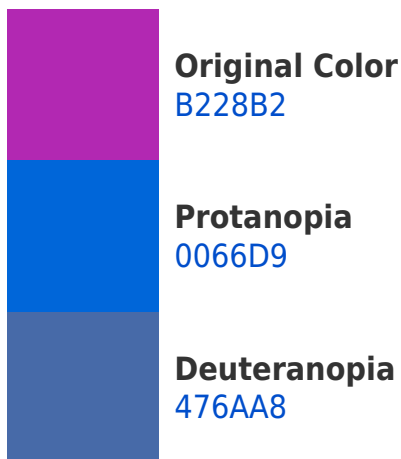



This preview shows how white text looks on a background with the Hex color B228B2.

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](#).

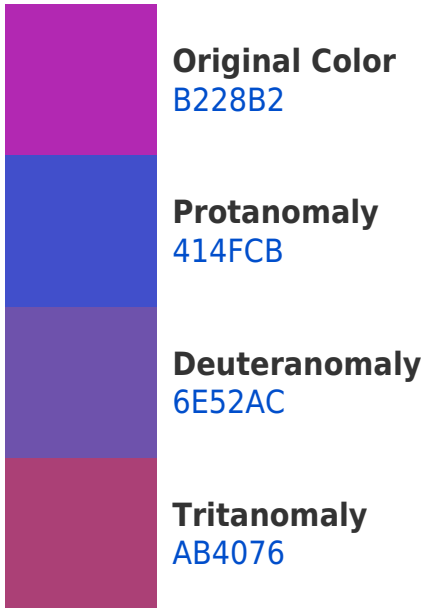
Dichromacy





Tritanopia
A74D53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B228B2 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 #B228B2 looks like.

```
.text, #text, p{  
    color:#B228B2  
}
```

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 #B228B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B228B2
}
```

Border

The CSS property to change the border of an element to Hex B228B2 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".

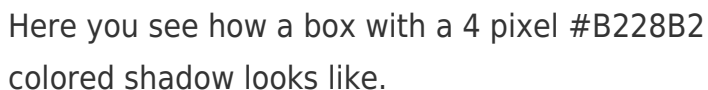
```
.border, #border, table{ border:4px solid
#B228B2 }
```

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

```
.border{ border-color:#B228B2 }
```

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

Here you see how a box with a 4 pixel #B228B2 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B228B2; -webkit-box-shadow:4px 4px  
4px 4px #B228B2; box-shadow:4px 4px 4px  
4px #B228B2 }
```

Background

The CSS property to change the background color of an element to Hex B228B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B228B2 }
```

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

```
.background{ background-color:#B228B2 }
```

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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