

Converting Colors

Hex(B418B0)

Have a look what the booklet for
Hex(B418B0) contains.

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Color

Hex(B418B0)

Conversions

Conversions Part 1

Format	Color
Hex	B418B0
RGB	180, 24, 176
RGB Percent	71%, 9%, 69%
CMY	0.2941, 0.9059, 0.3098
CMYK	0.00, 0.87, 0.02, 0.29
HSL	302°, 76%, 40%
HSV	302°, 87%, 71%
XYZ	26.9855, 13.4912, 42.2561
YIQ	87.9720, 44.1840, 80.3440

Conversions

Conversions Part 2

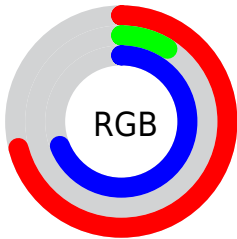
Format	Color
R_{YB}	180, 24, 176
Decimal	11802800
CIE _{Lab}	43.49, 72.18, -43.31
CIE _{LCh}	43, 84.179, 329.038
Yxy	13.4912, 0.3262, 0.1631
Android (android.graphics.Color)	4289992880 (0xFFB418B0)
YUV	87.9720, 43.3978, 80.7086
Hunter-Lab	36.7303, 66.8646, -42.4984

Details

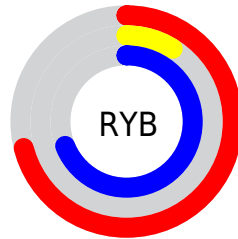
The Hex color **B418B0** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **18B41C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **EF5EE8**, and **7B007B** is the 20% darker color. If you saturate the color by 10%, you get **B406B0**, and if you desaturate by 10%, it is **B42AB0**.

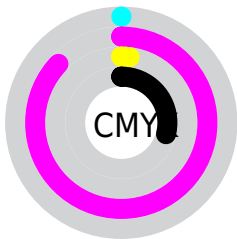
Distribution



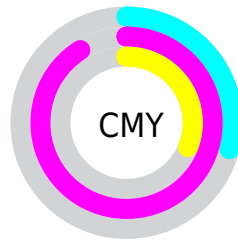
- Red (71%)
- Green (9%)
- Blue (69%)



- Red (71%)
- Yellow (9%)
- Blue (69%)



- Cyan (0%)
- Magenta (87%)
- Yellow (2%)
- Black (29%)



- Cyan (29%)
- Magenta (91%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B418B0 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 B418B0 by changing the saturation by 10% instead.

 B418B0

 B418B0

FFFFFF

 970095

 EF5EE8

 7B007B

 FF7BFF

 5F0061

 FF98FF

 440049

 FFB5FF

 280031

 FFD2FF

 00011B

 FFF0FF

 000000

 B418B0

 B418B0

 B406B0

 B42AB0

 B400AF

 B43CB1

 B44EB1

 B460B2

 B472B2

 B484B3

 B496B3

 B4A8B4

 B4BAB4

Harmonies

Analogous

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



4A55E3



B418B0



D8006C

Triad

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



B418B0



806400



0082AA

Complementary

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



B418B0



18B41C

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.



008163



B418B0



387500

Square

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



B418B0



B44200



007E10



007FE0

Rectangle

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



B418B0



DA003F



007E10



008293

Sweetspot

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



B418B0



EBAEE9



1B18B4



755174



F5F5F5



757575

Same Dimension

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



B418B0



EB00E5



B41863



595059



990095



1A0019

Inverse Universe

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



B418B0



EB00E5



18B469



595059



990095



1A0019

Previews

White Background



This preview shows how the Hex color B418B0 looks on a white background.

Color Contrast Check

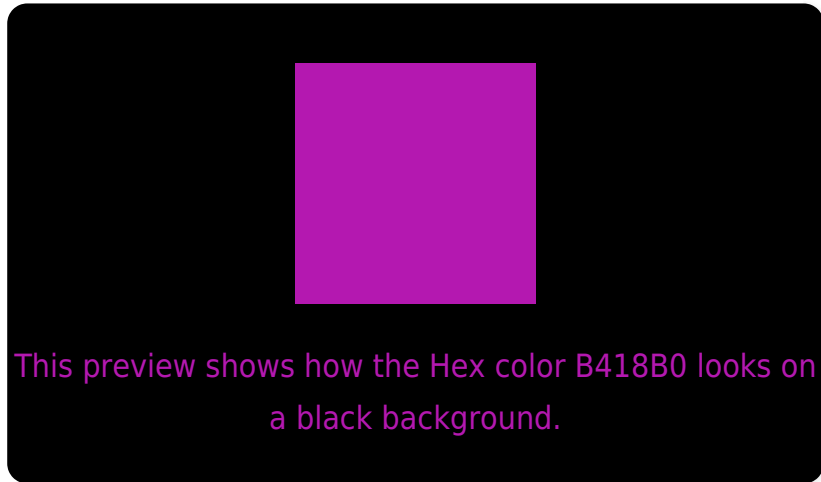
Large Text (above 18pt) WCAG AA ✓ Pass

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

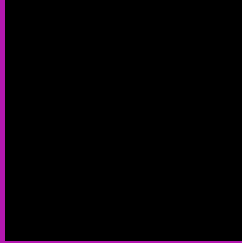
Any Text WCAG AA × Fail

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 B418B0 Background



This preview shows how black text looks on a background with the Hex color B418B0.

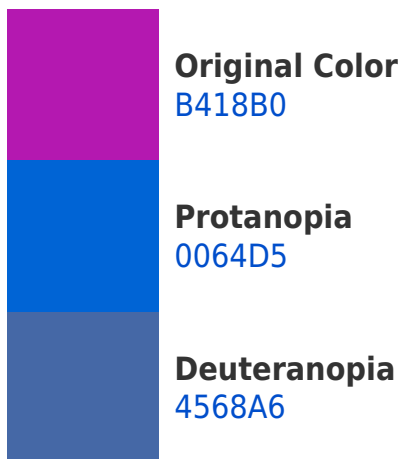



This preview shows how white text looks on a background with the Hex color B418B0.

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
A9484C

Trichromacy



Original Color
B418B0



Protanomaly
4148C8



Deuteranomaly
6D4BAA



Tritanomaly
AD3770

Monochromacy



Original Color
B418B0



Achromatopsia
585858



Achromatomaly
794178

CSS Examples

Text

The CSS property to change the color of the text to Hex B418B0 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 #B418B0 looks like.

```
.text, #text, p{  
    color:#B418B0  
}
```

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 #B418B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B418B0
}
```

Border

The CSS property to change the border of an element to Hex B418B0 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
#B418B0 }
```

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

```
.border{ border-color:#B418B0 }
```

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

Here you see how a box with a 4 pixel #B418B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B418B0; -webkit-box-shadow:4px 4px  
4px 4px #B418B0; box-shadow:4px 4px 4px  
4px #B418B0 }
```

Background

The CSS property to change the background color of an element to Hex B418B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B418B0 }
```

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

```
.background{ background-color:#B418B0 }
```

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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