

Converting Colors

Hex(B118D7)

Have a look what the booklet for
Hex(B118D7) contains.

Hex(B118D7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(B118D7)

Conversions

Conversions Part 1

Format	Color
Hex	B118D7
RGB	177, 24, 215
RGB Percent	69%, 9%, 84%
CMY	0.3059, 0.9059, 0.1569
CMYK	0.18, 0.89, 0.00, 0.16
HSL	288°, 80%, 47%
HSV	288°, 89%, 84%
XYZ	30.7238, 14.9067, 65.5479
YIQ	91.5210, 29.8770, 91.8370

Conversions

Conversions Part 2

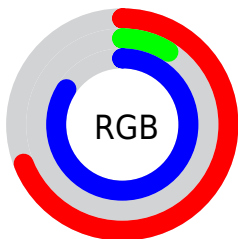
Format	Color
R _{YB}	177, 24, 215
Decimal	11606231
CIE _{Lab}	45.51, 78.04, -62.83
CIE _{LCh}	46, 100.185, 321.162
Yxy	14.9067, 0.2763, 0.1341
Android (android.graphics.Color)	4289796311 (0xFFB118D7)
YUV	91.5210, 60.8751, 74.9651
Hunter-Lab	38.6092, 74.4781, -73.6320

Details

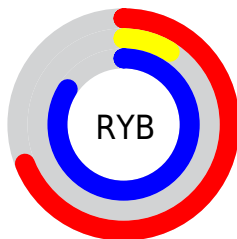
The Hex color **B118D7** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **3ED718**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **ED5FFF**, and **77009F** is the 20% darker color. If you saturate the color by 10%, you get **AD03D7**, and if you desaturate by 10%, it is **B52ED7**.

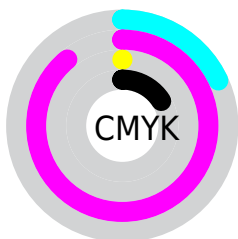
Distribution



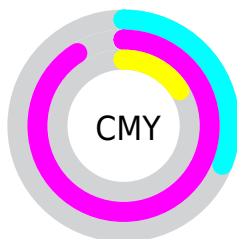
- Red (69%)
- Green (9%)
- Blue (84%)



- Red (69%)
- Yellow (9%)
- Blue (84%)



- Cyan (18%)
- Magenta (89%)
- Yellow (0%)
- Black (16%)





- Cyan (31%)
- Magenta (91%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B118D7 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 B118D7 by changing the saturation by 10% instead.

 B118D7

 B118D7

FFFFFF

 9400BB

 ED5FF7

 77009F

 FF7DFF

 590084

 FF9AFF

 3C006A

 FFB7FF

 1E0051

 FFD5FF

 000039


 FFF3FF

 000222

 000008

 000000

 B118D7

 B118D7

 AD03D7

 B52ED7

 AC00D7

 BA43D7

 BE59D7

 C26ED7

 C684D7

 CB99D7

 CFAFD7

 D3C4D7

 D7DAD7

Harmonies

Analogous

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



0062FF



B118D7



EC0088

Triad

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



B118D7



986000



008BA7

Complementary

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



B118D7



3ED718

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.



00894F



B118D7



497900

Square

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



B118D7



D12600



008400



008AF0

Rectangle

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



B118D7



F50052



008400



008B8A

Sweetspot

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



B118D7



F1BAFF



183ED7



775780



000000



808080

Same Dimension

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



B118D7



CC00FF



D7189E



69606B



8900AB



23002B

Inverse Universe

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



D7183E



FF0033



18D751



6B6063



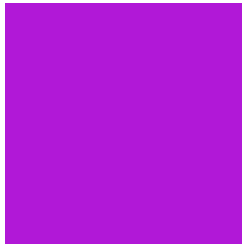
AB0022



2B0009

Previews

White Background



This preview shows how the Hex color B118D7 looks on a white background.

Color Contrast Check

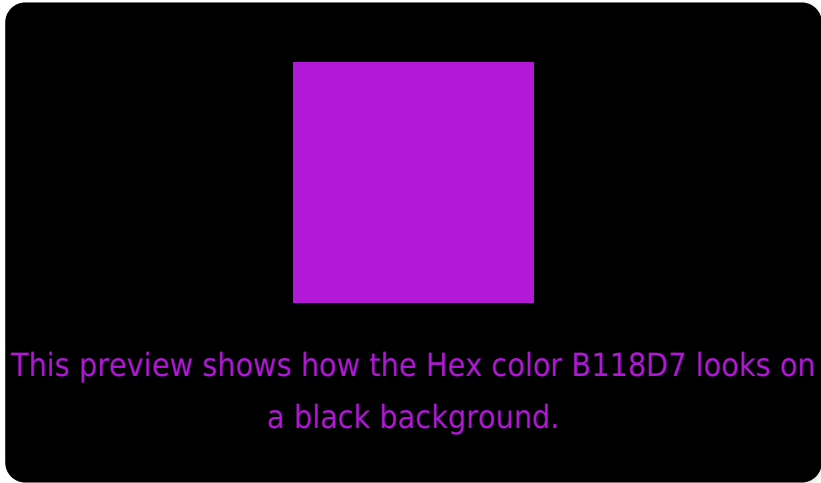
Large Text (above 18pt) WCAG AA ✓ Pass

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

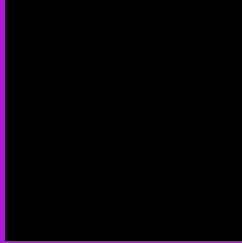
Any Text WCAG AA × Fail

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 B118D7 Background



This preview shows how black text looks on a background with the Hex color B118D7.

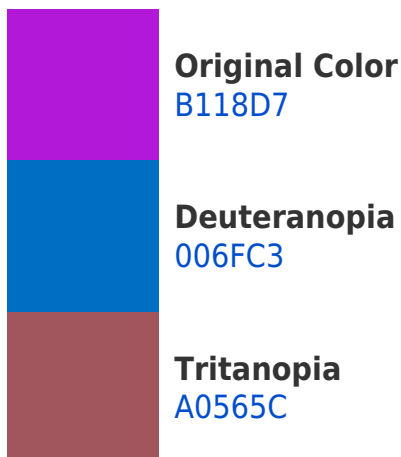


This preview shows how white text looks on a background with the Hex color B118D7.

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



Trichromacy



Original Color
B118D7



Deuteranomaly
404FCA

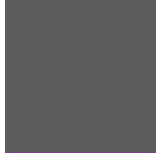


Tritanomaly
A63F89

Monochromacy



Original Color
B118D7



Achromatopsia
5C5C5C



Achromatomaly
7B4389

CSS Examples

Text

The CSS property to change the color of the text to Hex B118D7 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 #B118D7 looks like.

```
.text, #text, p{  
    color:#B118D7  
}
```

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 #B118D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B118D7
}
```

Border

The CSS property to change the border of an element to Hex B118D7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

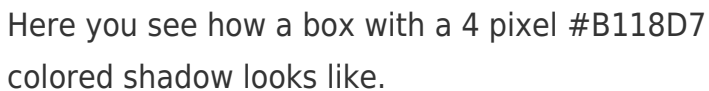
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B118D7 }
```

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

```
.border{ border-color:#B118D7 }
```

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



Here you see how a box with a 4 pixel `#B118D7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B118D7; -webkit-box-shadow:4px 4px  
4px 4px #B118D7; box-shadow:4px 4px 4px  
4px #B118D7 }
```

Background

The CSS property to change the background color of an element to Hex B118D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B118D7 }
```

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

```
.background{ background-color:#B118D7 }
```

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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