

Converting Colors

Hex(B18AED)

Have a look what the booklet for
Hex(B18AED) contains.

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Color

Hex(**B18AED**)

Conversions

Conversions Part 1

Format	Color
Hex	B18AED
RGB	177, 138, 237
RGB Percent	69%, 54%, 93%
CMY	0.3059, 0.4588, 0.0706
CMYK	0.25, 0.42, 0.00, 0.07
HSL	264°, 73%, 74%
HSV	264°, 42%, 93%
XYZ	42.5060, 33.6385, 84.3733
YIQ	160.9470, -8.5350, 39.0570

Conversions

Conversions Part 2

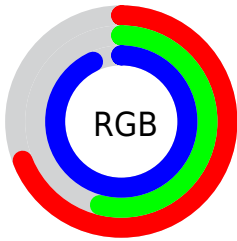
Format	Color
R _Y B	177, 138, 237
Decimal	11635437
CIE Lab	64.67, 34.63, -44.61
CIE LCh	65, 56.469, 307.820
Yxy	33.6385, 0.2648, 0.2096
Android (android.graphics.Color)	4289825517 (0xFFB18AED)
YUV	160.9470, 37.4941, 14.0785
Hunter-Lab	57.9987, 29.3211, -45.6528

Details

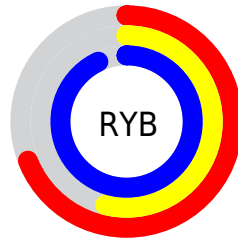
The Hex color **B18AED** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C6ED8A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **EAC0FF**, and **7A57B5** is the 20% darker color. If you saturate the color by 10%, you get **A372ED**, and if you desaturate by 10%, it is **BFA2ED**.

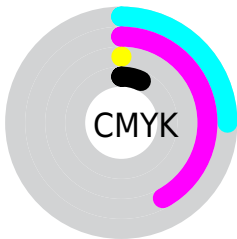
Distribution



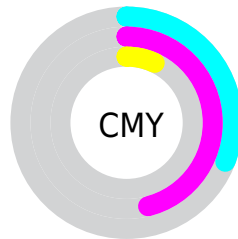
- Red (69%)
- Green (54%)
- Blue (93%)



- Red (69%)
- Yellow (54%)
- Blue (93%)



- Cyan (25%)
- Magenta (42%)
- Yellow (0%)
- Black (7%)



- Cyan (31%)
- Magenta (46%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color B18AED 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 B18AED by changing the saturation by 10% instead.

 B18AED

 B18AED

FFFFFF

 9570D0

 EAC0FF

 7A57B5

 FFDCFF

 5F3F99


 FFF9FF

 45287F

 2A1166

 0C004D

 000035

 00021F

 000002

 B18AED

 B18AED

 A372ED

 BFA2ED

 945BED

 CEB9ED

 8643ED

 DCD1ED

 782BED

 EAE9ED

 6913ED

 F9FFED

 5D00ED

 FFFFED

Harmonies

Analogous

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



539EFF



B18AED



E576C4

Triad

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



B18AED



D78D3D



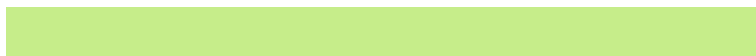
00B6A9

Complementary

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



B18AED



C6ED8A

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.



15B375



B18AED



AC9F31

Square

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



B18AED



F37962



76AB49



00B4D9

Rectangle

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



B18AED



F670A3



76AB49



00B597

Sweetspot

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



B18AED



EBDEFF



8AC7ED



736B80



000000



808080

Same Dimension

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



B18AED



B280FF



E18AED



6E6A75



4700B5



150036

Inverse Universe

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



ED8AC6



FF80CD



96ED8A



756A71



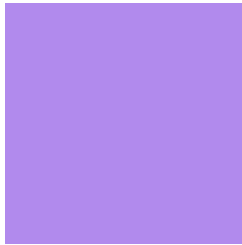
B5006E



360020

Previews

White Background



This preview shows how the Hex color B18AED looks on a white background.

Color Contrast Check

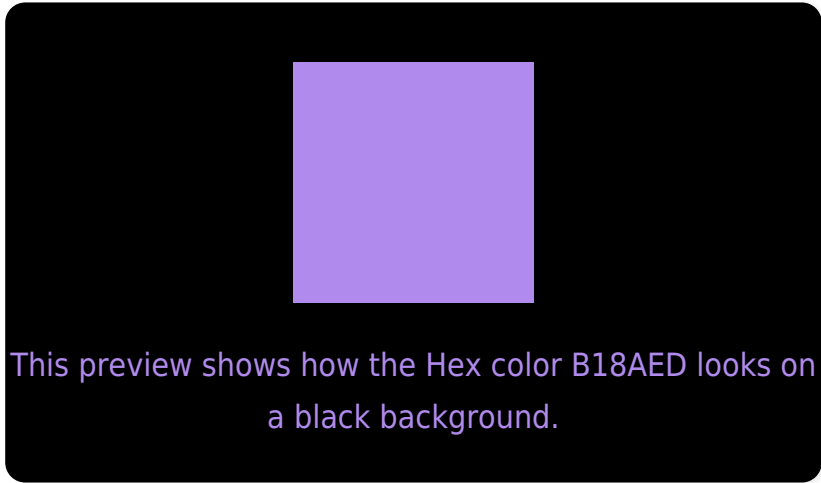
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

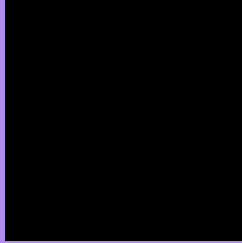
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B18AED Background



This preview shows how black text looks on a background with the Hex color B18AED.

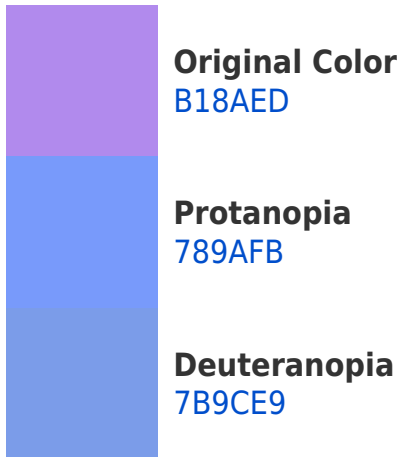



This preview shows how white text looks on a background with the Hex color B18AED.

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](#).

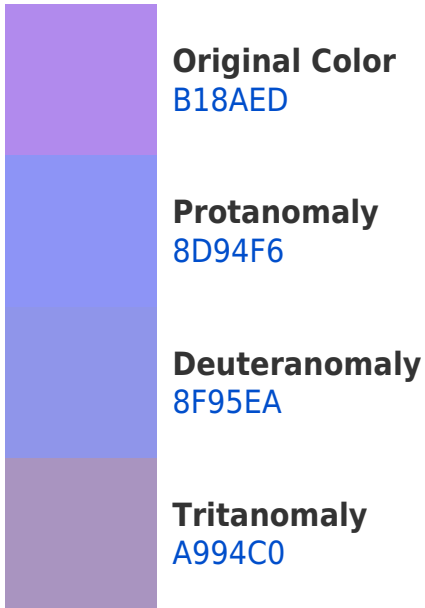
Dichromacy



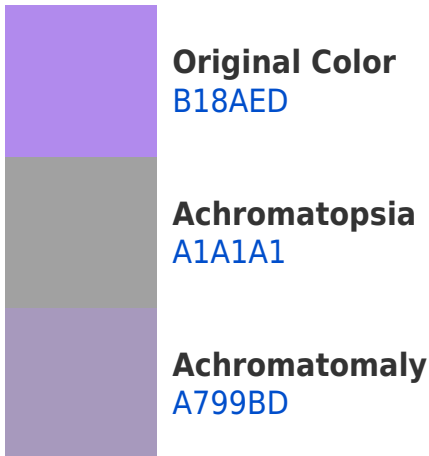


Tritanopia
A49AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B18AED 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 #B18AED looks like.

```
.text, #text, p{  
    color:#B18AED  
}
```

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 #B18AED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B18AED
}
```

Border

The CSS property to change the border of an element to Hex B18AED 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
#B18AED }
```

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

```
.border{ border-color:#B18AED }
```

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

Here you see how a box with a 4 pixel #B18AED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B18AED; -webkit-box-shadow:4px 4px  
4px 4px #B18AED; box-shadow:4px 4px 4px  
4px #B18AED }
```

Background

The CSS property to change the background color of an element to Hex B18AED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B18AED }
```

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

```
.background{ background-color:#B18AED }
```

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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