

# Converting Colors

Hex(A78BE7)

Have a look what the booklet for  
Hex(A78BE7) contains.

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# **Color**

**Hex(A78BE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A78BE7
RGB	167, 139, 231
RGB Percent	65%, 55%, 91%
CMY	0.3451, 0.4549, 0.0941
CMYK	0.28, 0.40, 0.00, 0.09
HSL	258°, 66%, 73%
HSV	258°, 40%, 91%
XYZ	39.5928, 32.4502, 79.7781
YIQ	157.8600, -12.8440, 34.5480

# Conversions

## Conversions Part 2

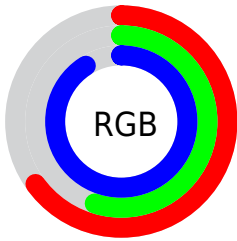
Format	Color
<a href="#">RYB</a>	<a href="#">167, 139, 231</a>
Decimal	<a href="#">10980327</a>
CIELab	<a href="#">63.71, 29.83, -42.87</a>
CIELCh	<a href="#">64, 52.223, 304.830</a>
Yxy	<a href="#">32.4502, 0.2608, 0.2137</a>
Android (android.graphics.Color)	<a href="#">4289170407</a> ( <a href="#">0xFFA78BE7</a> )
YUV	<a href="#">157.8600, 36.0580, 8.0158</a>
Hunter-Lab	<a href="#">56.9651, 24.3749, -43.1584</a>

# Details

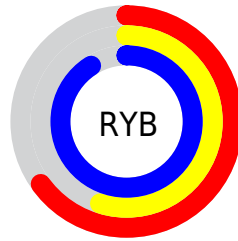
The Hex color **A78BE7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **CBE78B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E0C1FF**, and **7159AF** is the 20% darker color. If you saturate the color by 10%, you get **9774E7**, and if you desaturate by 10%, it is **B7A2E7**.

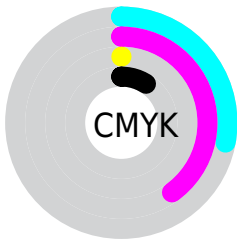
# Distribution



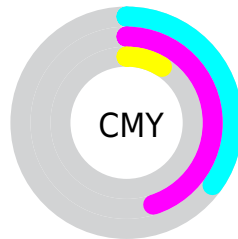
- Red (65%)
- Green (55%)
- Blue (91%)



- Red (65%)
- Yellow (55%)
- Blue (91%)



- Cyan (28%)
- Magenta (40%)
- Yellow (0%)
- Black (9%)



- Cyan (35%)
- Magenta (45%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A78BE7 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 A78BE7 by changing the saturation by 10% instead.




 A78BE7

 A78BE7

FFFFFF

 8B71CB

 E0C1FF

 7159AF

 FDDDFD

 564194

 FFF9FF

 3C2A7A

 201460

 010048

 000231

 00011B

 000000

 A78BE7

 A78BE7

 9774E7

 B7A2E7

 875DE7

 C7B9E7

 7746E7

 D7D0E7

 672FE7

 E7E7E7

 5717E7

 F7FEE7

 4700E7

 FFFFE7

 4600E7

# Harmonies

## Analogous

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



4F9DF7



A78BE7



D979C3

# Triad

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



A78BE7



D48A45



00B1A1

# Complementary

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



A78BE7



CBE78B

# 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.



37AE71



A78BE7



AD9A38

# Square

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



A78BE7



EC7968



7DA74A



00B0CE

# Rectangle

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



A78BE7



EB72A4



7DA74A



00B190



# Sweetspot

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



A78BE7



EAE0FF



8BCBE7



736E80



000000



808080



# Same Dimension

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



A78BE7



AA85FF



D58BE7



6B6773



3600B3



100033



# Inverse Universe

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



E78BCB



FF85DA



9DE78B



73676F



B3007C

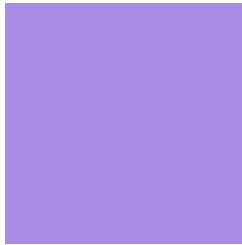


330023



# Previews

## White Background



This preview shows how the Hex color A78BE7 looks on a white background.

## Color Contrast Check

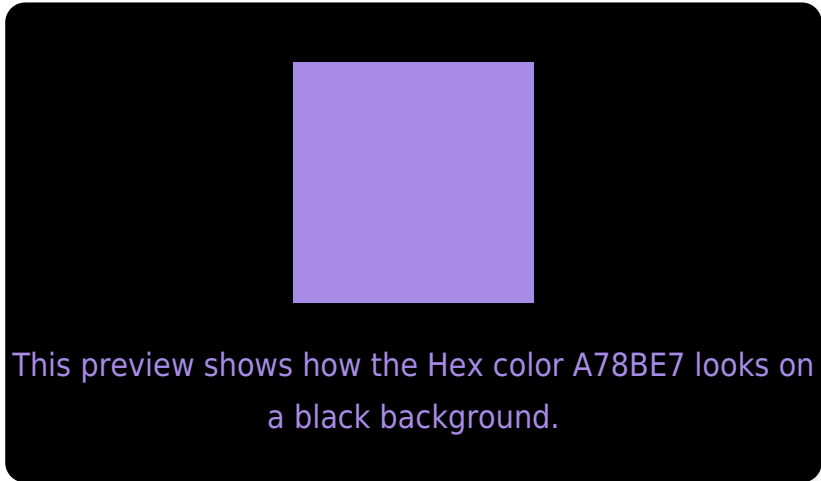
Large Text (above 18pt) WCAG AA × Fail

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

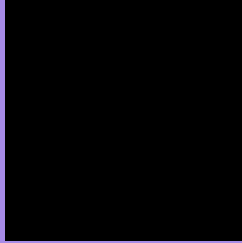
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A78BE7 Background



This preview shows how black text looks on a background with the Hex color A78BE7.



This preview shows how white text looks on a background with the Hex color A78BE7.

# 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](#).

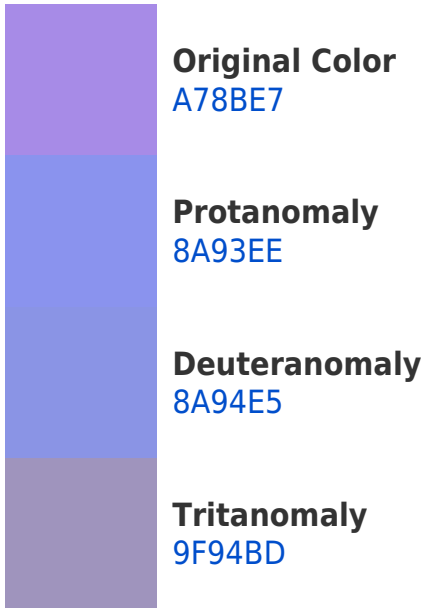
## Dichromacy





**Tritanopia**  
9A99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A78BE7 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 #A78BE7 looks like.

```
.text, #text, p{  
    color:#A78BE7  
}
```

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 #A78BE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A78BE7
}
```

## Border

The CSS property to change the border of an element to Hex A78BE7 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
#A78BE7 }
```

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

```
.border{ border-color:#A78BE7 }
```

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

Here you see how a box with a 4 pixel #A78BE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A78BE7; -webkit-box-shadow:4px 4px  
4px 4px #A78BE7; box-shadow:4px 4px 4px  
4px #A78BE7 }
```

# Background

The CSS property to change the background color of an element to Hex A78BE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A78BE7 }
```

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

```
.background{ background-color:#A78BE7 }
```

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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