

Converting Colors

Hex(A78EB2)

Have a look what the booklet for
Hex(A78EB2) contains.

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Color

Hex(A78EB2)

Conversions

Conversions Part 1

Format	Color
Hex	A78EB2
RGB	167, 142, 178
RGB Percent	65%, 56%, 70%
CMY	0.3451, 0.4431, 0.3020
CMYK	0.06, 0.20, 0.00, 0.30
HSL	282°, 19%, 63%
HSV	282°, 20%, 70%
XYZ	33.6452, 30.7758, 46.2865
YIQ	153.5790, 3.3440, 16.4960

Conversions

Conversions Part 2

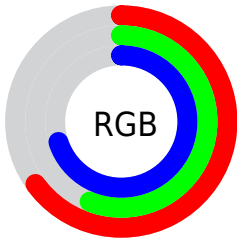
Format	Color
RYB	167, 142, 178
Decimal	10981042
CIELab	62.32, 16.12, -15.35
CIELCh	62, 22.260, 316.400
Yxy	30.7758, 0.3039, 0.2780
Android (android.graphics.Color)	4289171122 (0xFFA78EB2)
YUV	153.5790, 12.0396, 11.7702
Hunter-Lab	55.4760, 11.1742, -10.6356

Details

The Hex color **A78EB2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **99B28E**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **DEC4EA**, and **735C7D** is the 20% darker color. If you saturate the color by 10%, you get **A27CB2**, and if you desaturate by 10%, it is **ACA0B2**.

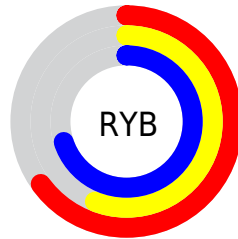
Distribution



Red (65%)

Green (56%)

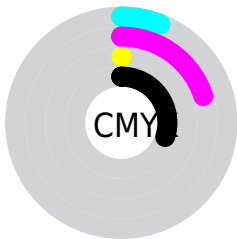
Blue (70%)



Red (65%)

Yellow (56%)

Blue (70%)

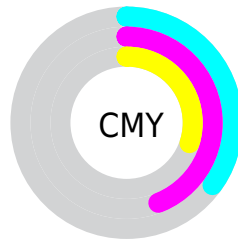


Cyan (6%)

Magenta (20%)

Yellow (0%)

Black (30%)



Cyan (35%)

Magenta (44%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color A78EB2 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 A78EB2 by changing the saturation by 10% instead.

 A78EB2

 A78EB2

FFFFFF

 8C7497

 DEC4EA

 735C7D

 FBE0FF

 5A4464

 FFFCFE

 422D4C

 2C1835

 190020

 000005

 000000

 A78EB2

 A78EB2

 A27CB2

 ACA0B2

 9C6AB2

 B2B2B2

 9759B2

 B7C3B2

 9147B2


 BDD5B2

 8C35B2

 C2E7B2

 8623B2

 C8F9B2

 8111B2

 CDFFB2

 7C00B2

 D3FFB2

 D8FFB2

Harmonies

Analogous

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



8E95BC



A78EB2



B889A0

Triad

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



A78EB2



AE9271



5FA2A1

Complementary

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



A78EB2



99B28E

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.



6EA18D



A78EB2



9A9971

Square

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



A78EB2



BB8C7B



849E7B



60A0B3

Rectangle

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



A78EB2



BE8893



849E7B



63A29A

Sweetspot

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



A78EB2



E4DAE8



8E99B2



736D75



F5F5F5



757575

Same Dimension

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



A78EB2



D7B0E8



B28EAB



575059



6A0099



12001A

Inverse Universe

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



B28E99



E8B0C1



8EB295



595053



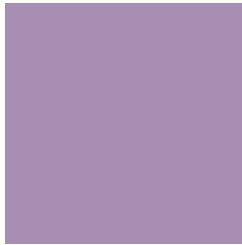
99002F



1A0008

Previews

White Background



This preview shows how the Hex color A78EB2 looks on a white background.

Color Contrast Check

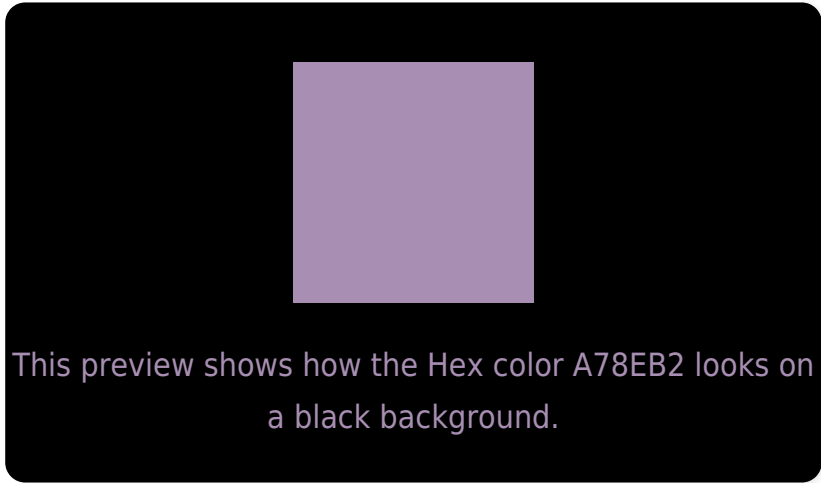
Large Text (above 18pt) WCAG AA × Fail

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

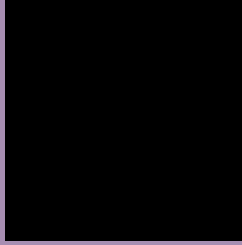
Any Text WCAG AA ✓ Pass

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 A78EB2 Background



This preview shows how black text looks on a background with the Hex color A78EB2.



This preview shows how white text looks on a background with the Hex color A78EB2.

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



Original Color
A78EB2

Protanopia
8F95B7

Deuteranopia
9993B1



Tritanopia
A4929D

Trichromacy



Original Color
A78EB2

Protanomaly
9892B5

Deuteranomaly
9E91B1

Tritanomaly
A591A5

Monochromacy



Original Color
A78EB2

Achromatopsia
9A9A9A

Achromatomaly
9F96A3

CSS Examples

Text

The CSS property to change the color of the text to Hex A78EB2 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 #A78EB2 looks like.

```
.text, #text, p{  
    color:#A78EB2  
}
```

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 #A78EB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A78EB2
}
```

Border

The CSS property to change the border of an element to Hex A78EB2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

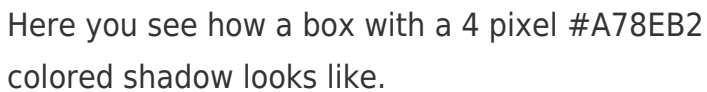
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A78EB2 }
```

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

```
.border{ border-color:#A78EB2 }
```

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



Here you see how a box with a 4 pixel `#A78EB2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A78EB2; -webkit-box-shadow:4px 4px  
4px 4px #A78EB2; box-shadow:4px 4px 4px  
4px #A78EB2 }
```

Background

The CSS property to change the background color of an element to Hex A78EB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A78EB2 }
```

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

```
.background{ background-color:#A78EB2 }
```

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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