

Converting Colors

Hex(AF7EC8)

Have a look what the booklet for
Hex(AF7EC8) contains.

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Color

Hex(AF7EC8)

Conversions

Conversions Part 1

Format	Color
Hex	AF7EC8
RGB	175, 126, 200
RGB Percent	69%, 49%, 78%
CMY	0.3137, 0.5059, 0.2157
CMYK	0.12, 0.37, 0.00, 0.22
HSL	280°, 40%, 64%
HSV	280°, 37%, 78%
XYZ	35.5654, 28.2058, 58.2133
YIQ	149.0870, 5.4500, 33.4020

Conversions

Conversions Part 2

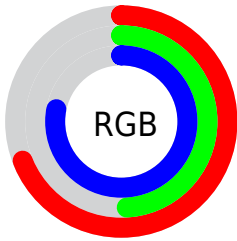
Format	Color
RYB	175, 126, 200
Decimal	11501256
CIELab	60.07, 32.40, -31.16
CIELCh	60, 44.951, 316.112
Yxy	28.2058, 0.2916, 0.2312
Android (android.graphics.Color)	4289691336 (0xFFAF7EC8)
YUV	149.0870, 25.1001, 22.7257
Hunter-Lab	53.1091, 26.5944, -27.8119

Details

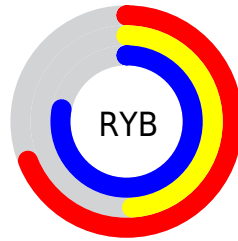
The Hex color **AF7EC8** is a light color, and the websafe version is hex **996699**. A complement of this color would be **97C87E**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **E7B3FF**, and **794C92** is the 20% darker color. If you saturate the color by 10%, you get **A86AC8**, and if you desaturate by 10%, it is **B692C8**.

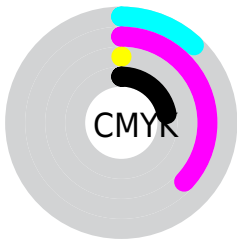
Distribution



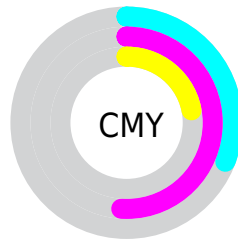
- Red (69%)
- Green (49%)
- Blue (78%)



- Red (69%)
- Yellow (49%)
- Blue (78%)



- Cyan (12%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF7EC8 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 AF7EC8 by changing the saturation by 10% instead.

 AF7EC8

 AF7EC8

FFFFFF

 9465AC

 E7B3FF

 794C92

 FFCFFF

 5F3478

 FFECCF

 461D5F

 2E0547

 1C0030


 00011A

 000000

 AF7EC8

 AF7EC8

 A86AC8

 B692C8

 A156C8

 BDA6C8

 9B42C8

 C3BAC8

 942EC8

 CACEC8

 8D1AC8

 D1E2C8

 8606C8

 D8F6C8

 8400C8

 DEFFC8

 E5FFC8

 ECFFC8

Harmonies

Analogous

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



758EDD



AF7EC8



D172A5

Triad

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



AF7EC8



B88843



00A5A5

Complementary

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



AF7EC8



97C87E

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.



20A47C



AF7EC8



939542

Square

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



AF7EC8



D27A59



679F58



00A2C9

Rectangle

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



AF7EC8



DA6F8A



679F58



00A598

Sweetspot

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



AF7EC8



F6E3FF



7E98C8



7A6F80



000000



808080

Same Dimension

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



AF7EC8



D98FFF



C87EBD



605A63



6C00A3



180024

Inverse Universe

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



C87E97



FF8FB5



7EC889



635A5D



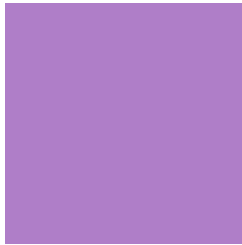
A30037



24000C

Previews

White Background



This preview shows how the Hex color AF7EC8 looks on a white background.

Color Contrast Check

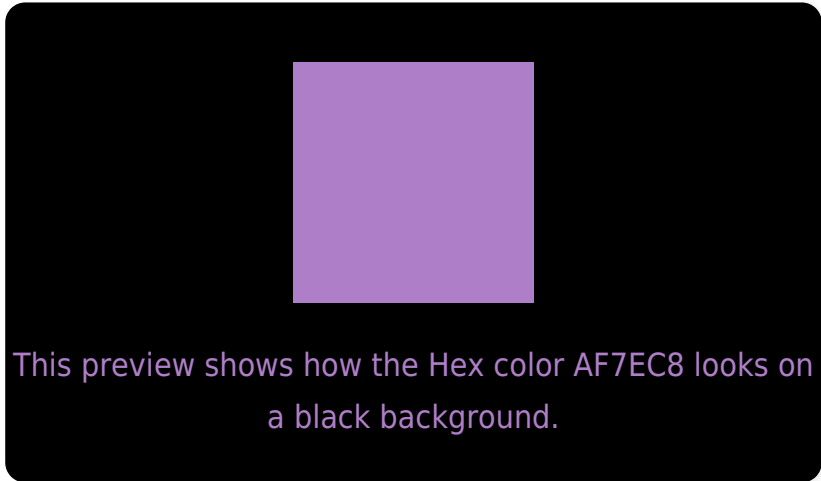
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

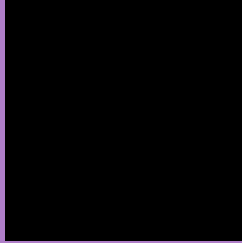
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex AF7EC8 Background



This preview shows how black text looks on a background with the Hex color AF7EC8.

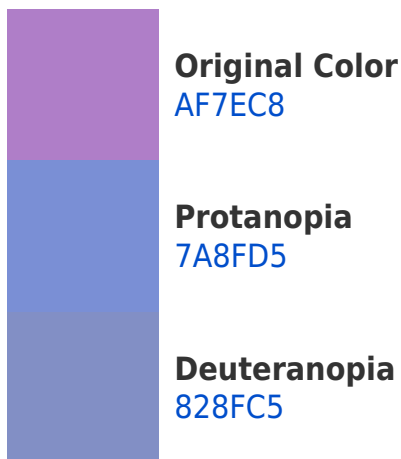


This preview shows how white text looks on a background with the Hex color AF7EC8.

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](#).

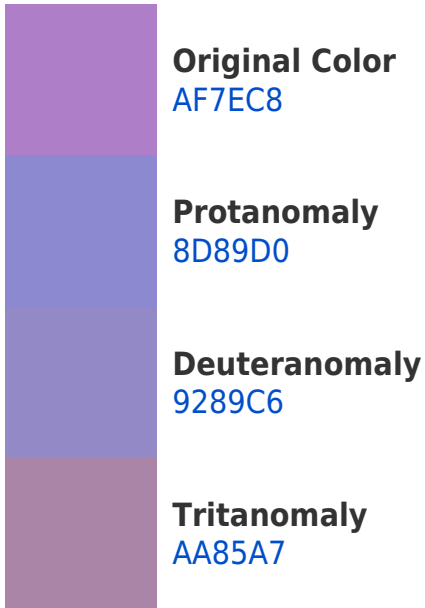
Dichromacy



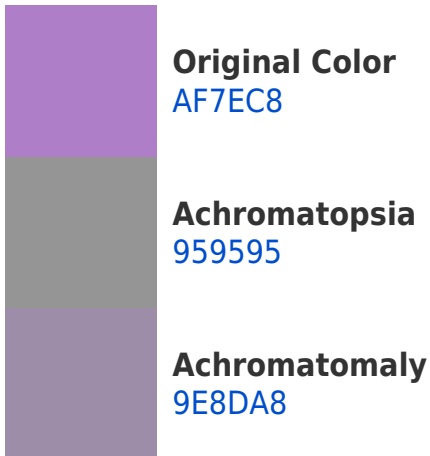


Tritanopia
A78994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF7EC8 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 #AF7EC8 looks like.

```
.text, #text, p{  
    color:#AF7EC8  
}
```

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 #AF7EC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF7EC8
}
```

Border

The CSS property to change the border of an element to Hex AF7EC8 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
#AF7EC8 }
```

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

```
.border{ border-color:#AF7EC8 }
```

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

Here you see how a box with a 4 pixel #AF7EC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF7EC8; -webkit-box-shadow:4px 4px  
4px 4px #AF7EC8; box-shadow:4px 4px 4px  
4px #AF7EC8 }
```

Background

The CSS property to change the background color of an element to Hex AF7EC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF7EC8 }
```

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

```
.background{ background-color:#AF7EC8 }
```

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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