

Converting Colors

Hex(AF89E2)

Have a look what the booklet for
Hex(AF89E2) contains.

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Color

Hex(AF89E2)

Conversions

Conversions Part 1

Format	Color
Hex	AF89E2
RGB	175, 137, 226
RGB Percent	69%, 54%, 89%
CMY	0.3137, 0.4627, 0.1137
CMYK	0.23, 0.39, 0.00, 0.11
HSL	266°, 61%, 71%
HSV	266°, 39%, 89%
XYZ	40.3523, 32.4963, 76.0971
YIQ	158.5080, -5.9210, 35.7350

Conversions

Conversions Part 2

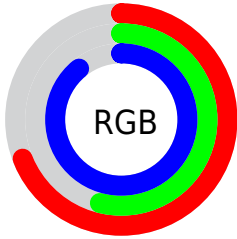
Format	Color
R_{YB}	175, 137, 226
Decimal	11504098
CIE _{Lab}	63.75, 32.04, -39.99
CIE _{LCh}	64, 51.237, 308.703
Yxy	32.4963, 0.2709, 0.2182
Android (android.graphics.Color)	4289694178 (0xFFAF89E2)
YUV	158.5080, 33.2736, 14.4635
Hunter-Lab	57.0055, 26.5947, -39.2429

Details

The Hex color **AF89E2** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BCE289**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E8BFFF**, and **7956AA** is the 20% darker color. If you saturate the color by 10%, you get **A272E2**, and if you desaturate by 10%, it is **BCA0E2**.

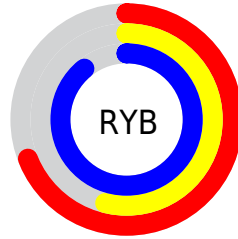
Distribution



Red (69%)

Green (54%)

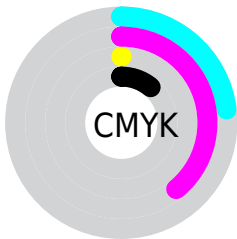
Blue (89%)



Red (69%)

Yellow (54%)

Blue (89%)

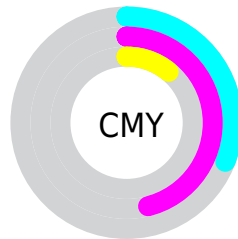


Cyan (23%)

Magenta (39%)

Yellow (0%)

Black (11%)



Cyan (31%)

Magenta (46%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF89E2 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 AF89E2 by changing the saturation by 10% instead.

 AF89E2

 AF89E2

FFFFFF

 936FC6

 E8BFFF

 7956AA

 FFDBFF

 5E3E8F

 FFF8FF

 452775

 2B115C

 110044

 00002D

 000117

 000000

 AF89E2

 AF89E2

 A272E2

 BCA0E2

 955CE2

 C9B6E2

 8845E2

 D6CDE2

 7B2FE2

 E3E3E2

 6E18E2

 F0FAE2

 6101E2

 FDFFE2

 6000E2

 FFFFE2

Harmonies

Analogous

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



619BF5



AF89E2



DD78BD

Triad

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



AF89E2



CF8C44



00B1A7

Complementary

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



AF89E2



BCE289

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.



2CAF78



AF89E2



A89C3B

Square

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



AF89E2



E97C64



77A850



00AFD2

Rectangle

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



AF89E2



EC739E



77A850



00B197

Sweetspot

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



AF89E2



EDE0FF



89BDE2



756E80



000000



808080

Same Dimension

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



AF89E2



BA87FF



DB89E2



6A6570



4B00B0



150030

Inverse Universe

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



E289BC



FF87CC



90E289



70656B



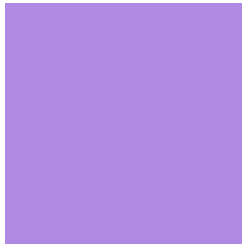
B00065



30001C

Previews

White Background



This preview shows how the Hex color AF89E2 looks on a white background.

Color Contrast Check

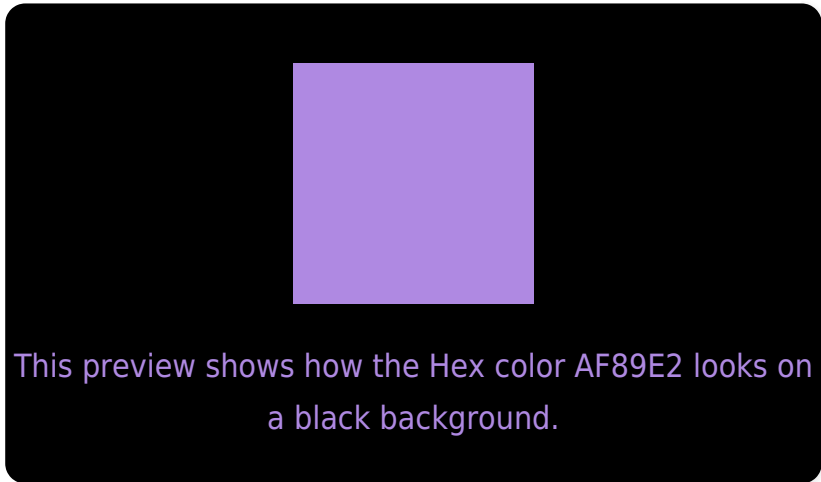
Large Text (above 18pt) WCAG AA × Fail

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

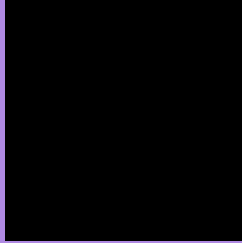
Any Text WCAG AA ✓ Pass

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 AF89E2 Background



This preview shows how black text looks on a background with the Hex color AF89E2.

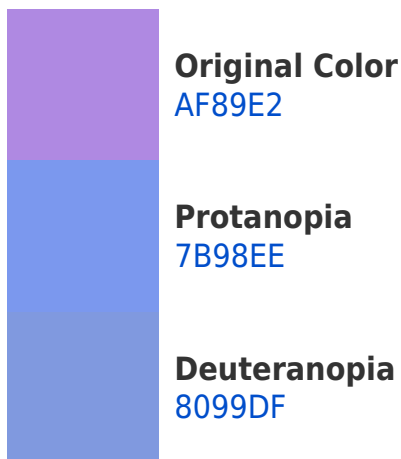


This preview shows how white text looks on a background with the Hex color AF89E2.

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](#).

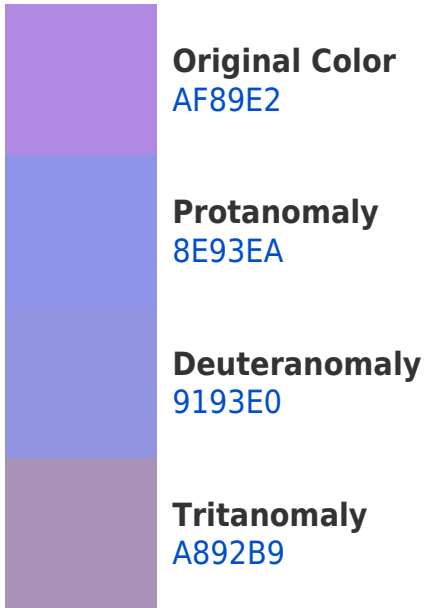
Dichromacy



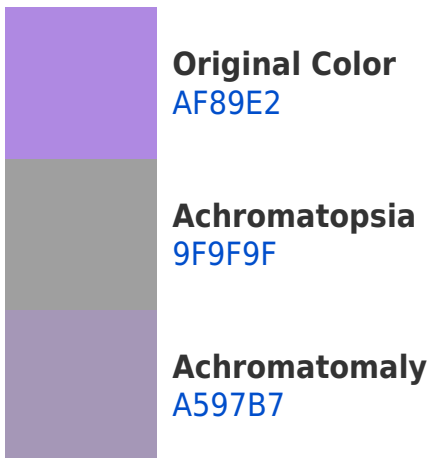


Tritanopia
A497A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF89E2 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 #AF89E2 looks like.

```
.text, #text, p{  
    color:#AF89E2  
}
```

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 #AF89E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF89E2
}
```

Border

The CSS property to change the border of an element to Hex AF89E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

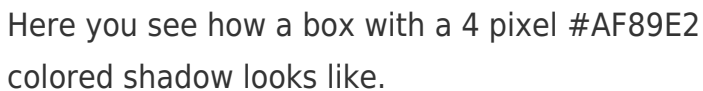
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF89E2 }
```

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

```
.border{ border-color:#AF89E2 }
```

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



Here you see how a box with a 4 pixel #AF89E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF89E2; -webkit-box-shadow:4px 4px  
4px 4px #AF89E2; box-shadow:4px 4px 4px  
4px #AF89E2 }
```

Background

The CSS property to change the background color of an element to Hex AF89E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF89E2 }
```

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

```
.background{ background-color:#AF89E2 }
```

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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