

Converting Colors

Hex(A876E0)

Have a look what the booklet for
Hex(A876E0) contains.

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Color

Hex(A876E0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A876E0 |
| RGB | 168, 118, 224 |
| RGB Percent | 66%, 46%, 88% |
| CMY | 0.3412, 0.5373, 0.1216 |
| CMYK | 0.25, 0.47, 0.00, 0.12 |
| HSL | 268°, 63%, 67% |
| HSV | 268°, 47%, 88% |
| XYZ | 36.0814, 26.6635, 73.7659 |
| YIQ | 145.0340, -4.2260, 43.5660 |

Conversions

Conversions Part 2

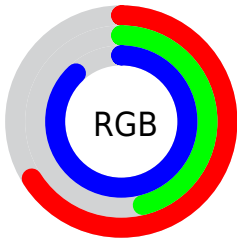
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 168, 118, 224 |
| Decimal | 11040480 |
| CIE Lab | 58.66, 40.22, -46.93 |
| CIE LCh | 59, 61.805, 310.597 |
| Yxy | 26.6635, 0.2643, 0.1953 |
| Android (android.graphics.Color) | 4289230560 (0xFFA876E0) |
| YUV | 145.0340, 38.9302, 20.1412 |
| Hunter-Lab | 51.6367, 34.3635, -48.5533 |

Details

The Hex color **A876E0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AEE076**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E1ABFF**, and **7144A8** is the 20% darker color. If you saturate the color by 10%, you get **9C60E0**, and if you desaturate by 10%, it is **B48CE0**.

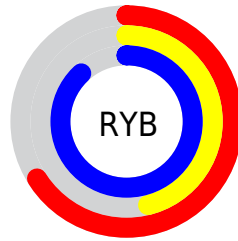
Distribution



Red (66%)

Green (46%)

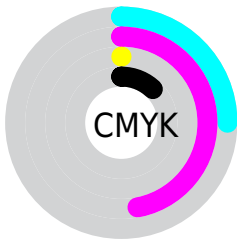
Blue (88%)



Red (66%)

Yellow (46%)

Blue (88%)

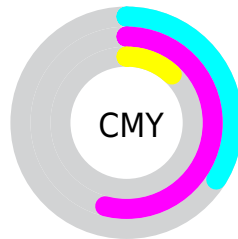


Cyan (25%)

Magenta (47%)

Yellow (0%)

Black (12%)



Cyan (34%)

Magenta (54%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color A876E0 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 A876E0 by changing the saturation by 10% instead.

 A876E0

 A876E0

FFFFFF

 8C5DC4

 E1ABFF

 7144A8

 FFC7FF

 562C8D

 FFE3FF

 3C1373

 20005A

 060042

 00032B

 000115

 000000

 A876E0

 A876E0

 9C60E0

 B48CE0

 9049E0

 C0A3E0

 8433E0

 CCB9E0

 791CE0

 D7D0E0

 6D06E0

 E3E6E0

 6A00E0

 EFFCE0

 FBFFE0

 FFFFE0

Harmonies

Analogous

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



388DF8



A876E0



DC5FB2

Triad

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



A876E0



C47D1E



00A79F

Complementary

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



A876E0



AEE076

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.



00A467



A876E0



96910B

Square

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



A876E0



E46749



5A9D34



00A5D3

Rectangle

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



A876E0



EC578E



5A9D34



00A68D

Sweetspot

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



A876E0



ECDBFF



76AFE0



746A80



000000



808080

Same Dimension

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



A876E0



B26EFF



DC76E0



6A6570



5300B0



170030

Inverse Universe

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



E076AE



FF6EBA



7AE076



70656B



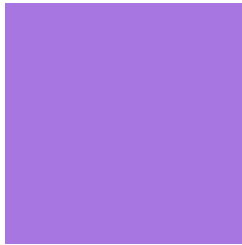
B0005D



30001A

Previews

White Background



This preview shows how the Hex color A876E0 looks on a white background.

Color Contrast Check

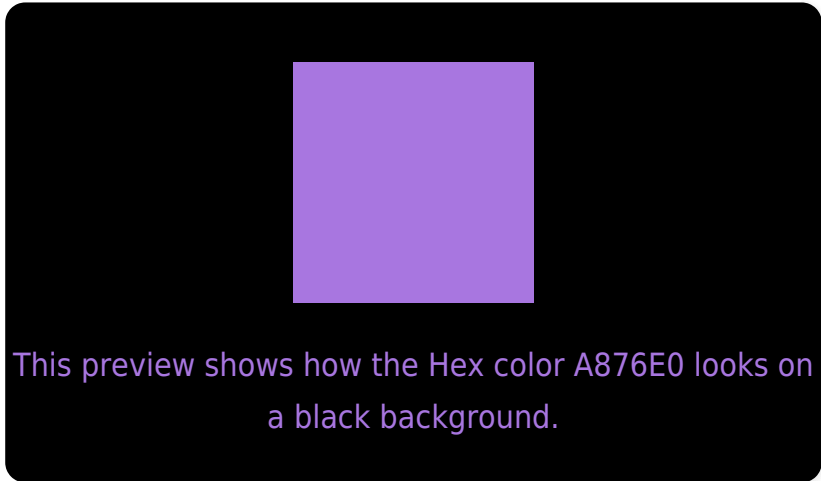
Large Text (above 18pt) WCAG AA ✓ Pass

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 A876E0 Background



This preview shows how black text looks on a background with the Hex color A876E0.

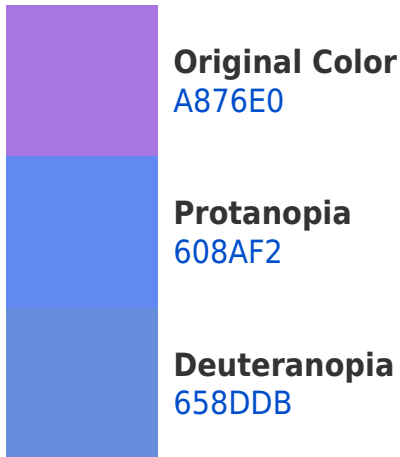



This preview shows how white text looks on a background with the Hex color A876E0.

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](#).

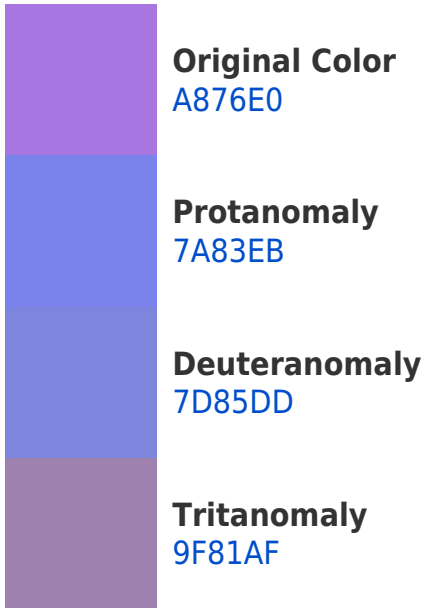
Dichromacy



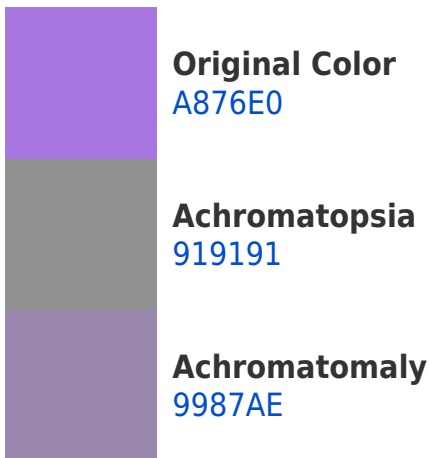


Tritanopia
9A8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A876E0 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 #A876E0 looks like.

```
.text, #text, p{  
    color:#A876E0  
}
```

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 #A876E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A876E0
}
```

Border

The CSS property to change the border of an element to Hex A876E0 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
#A876E0 }
```

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

```
.border{ border-color:#A876E0 }
```

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

Here you see how a box with a 4 pixel #A876E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A876E0; -webkit-box-shadow:4px 4px  
4px 4px #A876E0; box-shadow:4px 4px 4px  
4px #A876E0 }
```

Background

The CSS property to change the background color of an element to Hex A876E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A876E0 }
```

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

```
.background{ background-color:#A876E0 }
```

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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