

Converting Colors

Hex(A76EC9)

Have a look what the booklet for
Hex(A76EC9) contains.

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Color

Hex(A76EC9)

Conversions

Conversions Part 1

Format	Color
Hex	A76EC9
RGB	167, 110, 201
RGB Percent	65%, 43%, 79%
CMY	0.3451, 0.5686, 0.2118
CMYK	0.17, 0.45, 0.00, 0.21
HSL	278°, 46%, 61%
HSV	278°, 45%, 79%
XYZ	32.0549, 23.5844, 58.1211
YIQ	137.4170, 4.7610, 40.3850

Conversions

Conversions Part 2

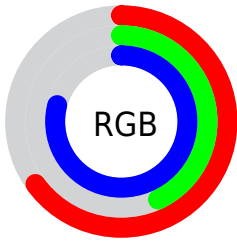
Format	Color
R _Y B	167, 110, 201
Decimal	10972873
CIE Lab	55.67, 39.12, -38.67
CIE LCh	56, 55.004, 315.327
Yxy	23.5844, 0.2818, 0.2073
Android (android.graphics.Color)	4289162953 (0xFFA76EC9)
YUV	137.4170, 31.3464, 25.9443
Hunter-Lab	48.5638, 32.8337, -36.9636

Details

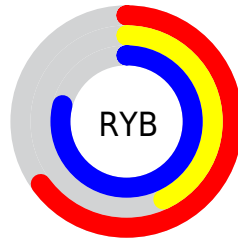
The Hex color **A76EC9** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **90C96E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **E0A3FF**, and **713C92** is the 20% darker color. If you saturate the color by 10%, you get **9F5AC9**, and if you desaturate by 10%, it is **AF82C9**.

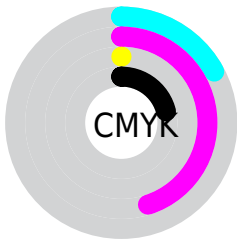
Distribution



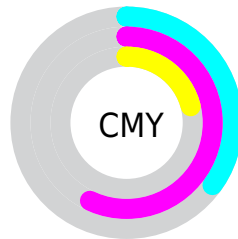
- Red (65%)
- Green (43%)
- Blue (79%)



- Red (65%)
- Yellow (43%)
- Blue (79%)



- Cyan (17%)
- Magenta (45%)
- Yellow (0%)
- Black (21%)



- Cyan (35%)
- Magenta (57%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color A76EC9 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 A76EC9 by changing the saturation by 10% instead.


 A76EC9

 A76EC9

FFFFFF

 8C55AD

 E0A3FF

 713C92

 FDBEFF

 572478

 FFDAFF

 3D095F

 FFF7FF

 240047

 080030

 00011A

 000000

 A76EC9

 A76EC9

9F5AC9

AF82C9

9846C9

B696C9

9032C9

BEAAC9

891EC9

C5BEC9

810AC9

CDD3C9

7E00C9

D4E7C9

DCFBC9

E3FFC9

EBFFC9

Harmonies

Analogous

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



5882E2



A76EC9



D05C9F

Triad

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



A76EC9



B27B22



009C9D

Complementary

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



A76EC9



90C96E

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.



009B6C



A76EC9



878B1E

Square

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



A76EC9



D06743



50953E



009AC8

Rectangle

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



A76EC9



DB587F



50953E



009C8D

Sweetspot

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



A76EC9



F2DBFF



6E91C9



776A80



000000



808080

Same Dimension

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



A76EC9



CC75FF



C96EBE



605A63



6600A3



160024

Inverse Universe

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



C96E90



FF75A9



6EC979



635A5D



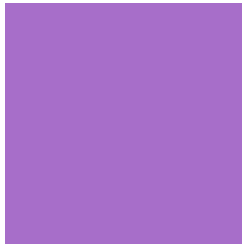
A3003D



24000D

Previews

White Background



This preview shows how the Hex color A76EC9 looks on a white background.

Color Contrast Check

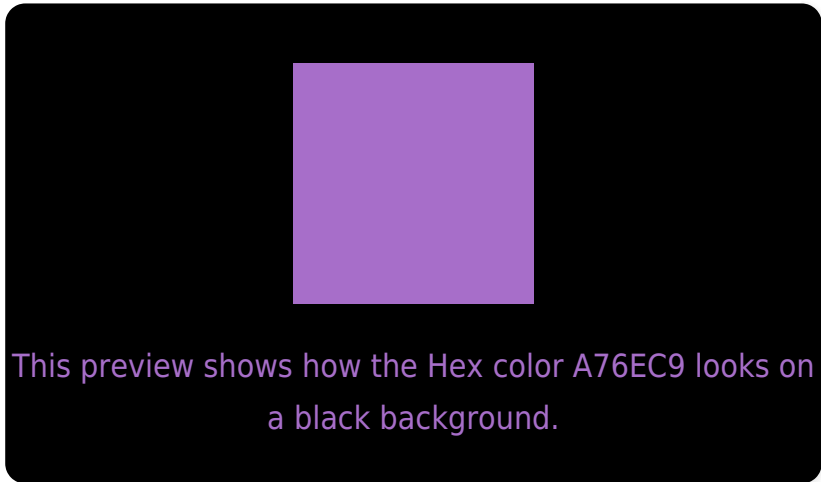
Large Text (above 18pt) WCAG AA ✓ Pass

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

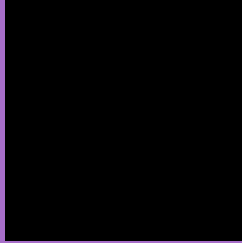
Any Text WCAG AA ✓ Pass

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 A76EC9 Background



This preview shows how black text looks on a background with the Hex color A76EC9.

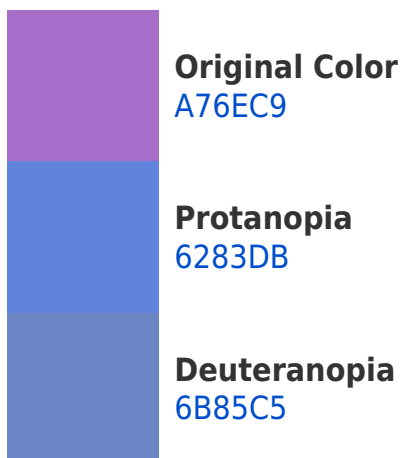


This preview shows how white text looks on a background with the Hex color A76EC9.

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](#).

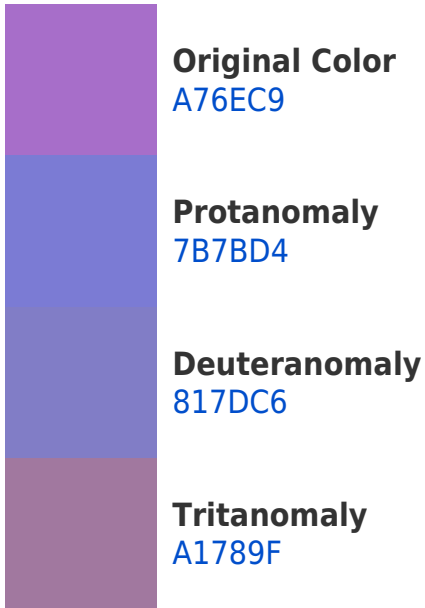
Dichromacy



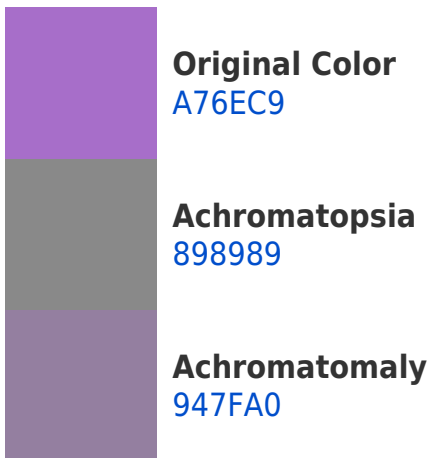


Tritanopia
9D7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A76EC9 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 #A76EC9 looks like.

```
.text, #text, p{  
    color:#A76EC9  
}
```

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 #A76EC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A76EC9
}
```

Border

The CSS property to change the border of an element to Hex A76EC9 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
#A76EC9 }
```

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

```
.border{ border-color:#A76EC9 }
```

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

Here you see how a box with a 4 pixel #A76EC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A76EC9; -webkit-box-shadow:4px 4px  
4px 4px #A76EC9; box-shadow:4px 4px 4px  
4px #A76EC9 }
```

Background

The CSS property to change the background color of an element to Hex A76EC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A76EC9 }
```

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

```
.background{ background-color:#A76EC9 }
```

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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