

Converting Colors

Hex(7936AE)

Have a look what the booklet for
Hex(7936AE) contains.

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Color

Hex(7936AE)

Conversions

Conversions Part 1

Format	Color
Hex	7936AE
RGB	121, 54, 174
RGB Percent	47%, 21%, 68%
CMY	0.5255, 0.7882, 0.3176
CMYK	0.30, 0.69, 0.00, 0.32
HSL	274°, 53%, 45%
HSV	274°, 69%, 68%
XYZ	16.8443, 9.7593, 41.0403
YIQ	87.7130, 1.4120, 51.5240

Conversions

Conversions Part 2

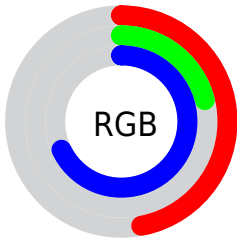
Format	Color
RYB	121, 54, 174
Decimal	7943854
CIELab	37.41, 50.65, -52.39
CIELCh	37, 72.869, 314.032
Yxy	9.7593, 0.2490, 0.1443
Android (android.graphics.Color)	4286133934 (0xFF7936AE)
YUV	87.7130, 42.5395, 29.1927
Hunter-Lab	31.2398, 41.5763, -56.0225

Details

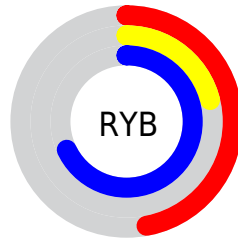
The Hex color **7936AE** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6BAE36**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B16AE6**, and **420079** is the 20% darker color. If you saturate the color by 10%, you get **7125AE**, and if you desaturate by 10%, it is **8147AE**.

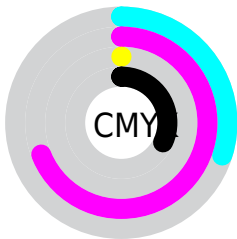
Distribution



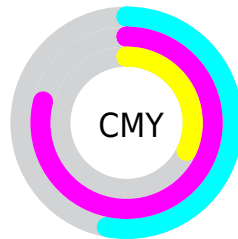
- Red (47%)
- Green (21%)
- Blue (68%)



- Red (47%)
- Yellow (21%)
- Blue (68%)



- Cyan (30%)
- Magenta (69%)
- Yellow (0%)
- Black (32%)



- Cyan (53%)
- Magenta (79%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7936AE 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 7936AE by changing the saturation by 10% instead.

7936AE

7936AE

FFFFFF

5E1B93

B16AE6

420079

CE84FF

26005F

EB9FFF

070047

FFBBFF

00042F

FFD7FF

000119

FFF4FF

000000

7936AE

7936AE

7125AE

8147AE

6A13AE

8859AE

6202AE

906AAE

6100AE

987CAE

9F8DAE

A79EAE

AFB0AE

B6C1AE

BED3AE

Harmonies

Analogous

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



0057CC



7936AE



AE007A

Triad

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



7936AE



854A00



007073

Complementary

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



7936AE



6BAE36

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.



006E35



7936AE



535E00

Square

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



7936AE



AA2300



006900



006FAA

Rectangle

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



7936AE



BA0053



006900



006F5F

Sweetspot

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



7936AE



CEB3E3



366CAE



665673



F2F2F2



737373

Same Dimension

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



7936AE



9027E3



AE36A8



534E57



540096



0D0017

Inverse Universe

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



AE366B



E3277A



36AE3C



574E52



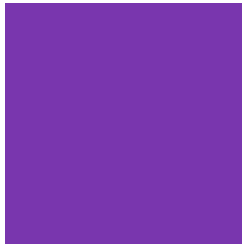
960042



17000A

Previews

White Background



This preview shows how the Hex color 7936AE looks on a white background.

Color Contrast Check

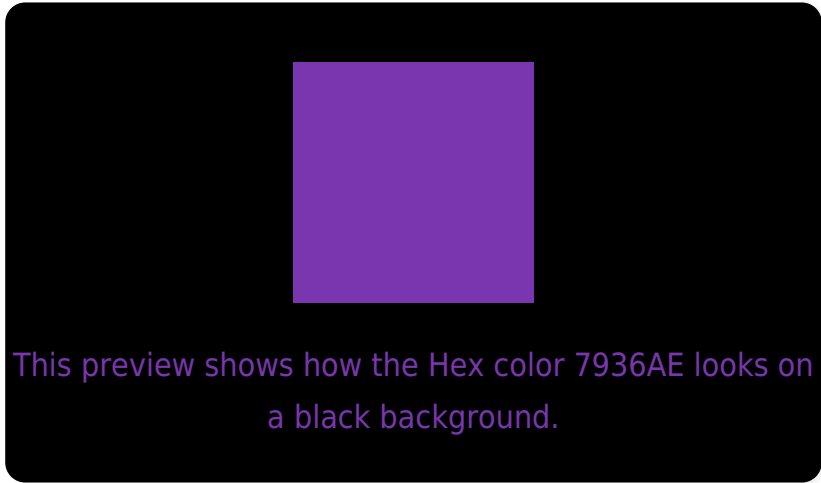
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

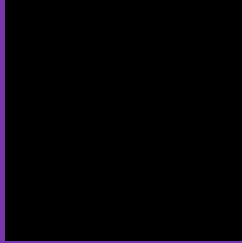
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7936AE Background



This preview shows how black text looks on a background with the Hex color 7936AE.

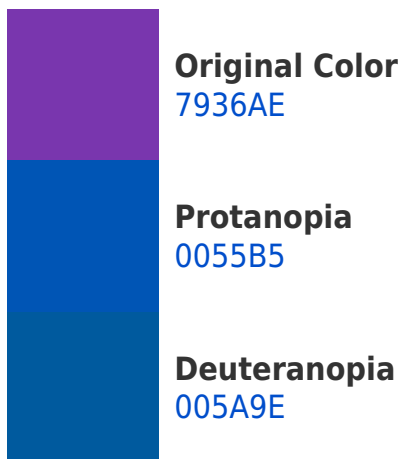



This preview shows how white text looks on a background with the Hex color 7936AE.

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
6A5258

Trichromacy



Original Color
7936AE



Protanomaly
2C4AB2



Deuteranomaly
2C4DA4



Tritanomaly
6F4877

Monochromacy



Original Color
7936AE



Achromatopsia
585858



Achromatomaly
644C77

CSS Examples

Text

The CSS property to change the color of the text to Hex 7936AE 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 #7936AE looks like.

```
.text, #text, p{  
    color:#7936AE  
}
```

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 #7936AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7936AE
}
```

Border

The CSS property to change the border of an element to Hex 7936AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

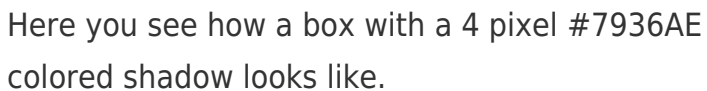
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7936AE }
```

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

```
.border{ border-color:#7936AE }
```

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



Here you see how a box with a 4 pixel #7936AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7936AE; -webkit-box-shadow:4px 4px  
4px 4px #7936AE; box-shadow:4px 4px 4px  
4px #7936AE }
```

Background

The CSS property to change the background color of an element to Hex 7936AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7936AE }
```

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

```
.background{ background-color:#7936AE }
```

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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