

Converting Colors

Hex(7A67DE)

Have a look what the booklet for
Hex(7A67DE) contains.

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Color

Hex(7A67DE)

Conversions

Conversions Part 1

Format	Color
Hex	7A67DE
RGB	122, 103, 222
RGB Percent	48%, 40%, 87%
CMY	0.5216, 0.5961, 0.1294
CMYK	0.45, 0.54, 0.00, 0.13
HSL	250°, 64%, 64%
HSV	250°, 54%, 87%
XYZ	26.0611, 19.1120, 71.4227
YIQ	122.2470, -26.8750, 41.0370

Conversions

Conversions Part 2

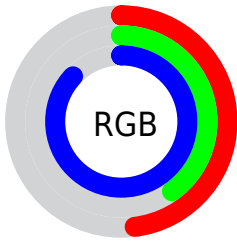
Format	Color
RYB	122, 103, 222
Decimal	8021982
CIELab	50.82, 36.82, -58.57
CIELCh	51, 69.184, 302.155
Yxy	19.1120, 0.2235, 0.1639
Android (android.graphics.Color)	4286212062 (0xFF7A67DE)
YUV	122.2470, 49.1782, -0.2166
Hunter-Lab	43.7173, 29.9037, -66.2624

Details

The Hex color **7A67DE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CBDE67**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B49BFF**, and **3F37A6** is the 20% darker color. If you saturate the color by 10%, you get **6751DE**, and if you desaturate by 10%, it is **8D7DDE**.

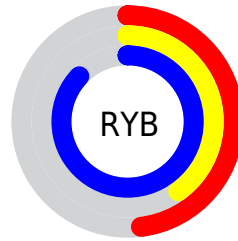
Distribution



Red (48%)

Green (40%)

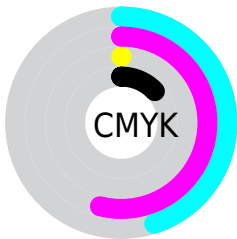
Blue (87%)



Red (48%)

Yellow (40%)

Blue (87%)

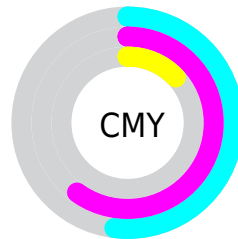


Cyan (45%)

Magenta (54%)

Yellow (0%)

Black (13%)



Cyan (52%)

Magenta (60%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A67DE 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 7A67DE by changing the saturation by 10% instead.

 7A67DE

 7A67DE

FFFFFF

 5D4FC2

 B49BFF

 3F37A6

 D1B6FF


 1C218B

 EED1FF

 000C71

 FFEEFF

 000058

 00063F

 000328

 000112

 000000

 7A67DE

 7A67DE

 6751DE

 8D7DDE

 553BDE

 9F93DE

 4224DE

 B2AADE

 2F0EDE

 C5C0DE

 2300DE

 D7D6DE

 EAECDE

 FDFE

 FFFDE

Harmonies

Analogous

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



007FF0



7A67DE



C247B1

Triad

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



7A67DE



BC6000



00937C

Complementary

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



7A67DE



CBDE67

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.



008F3E



7A67DE



8E7800

Square

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



7A67DE



DA423E



528700



0092B7

Rectangle

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



7A67DE



D9358B



528700



009267

Sweetspot

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



7A67DE



DDD6FF



67CCDE



6B6780



000000



808080

Same Dimension

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



7A67DE



765CFF



B467DE



676570



1C00B0



080030

Inverse Universe

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



DE67CB



FF5CE5



91DE67



70656E



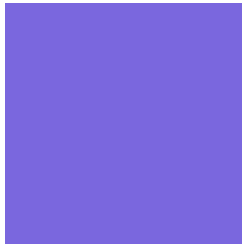
B00094



300029

Previews

White Background



This preview shows how the Hex color 7A67DE looks on a white background.

Color Contrast Check

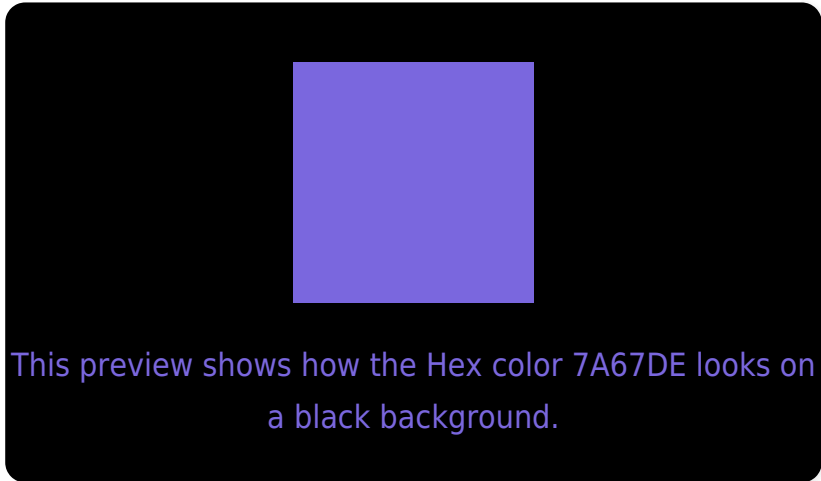
Large Text (above 18pt) WCAG AA ✓ Pass

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

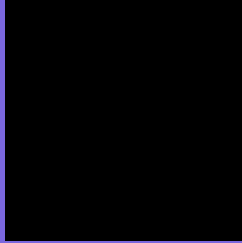
Any Text WCAG AA ✓ Pass

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 7A67DE Background



This preview shows how black text looks on a background with the Hex color 7A67DE.

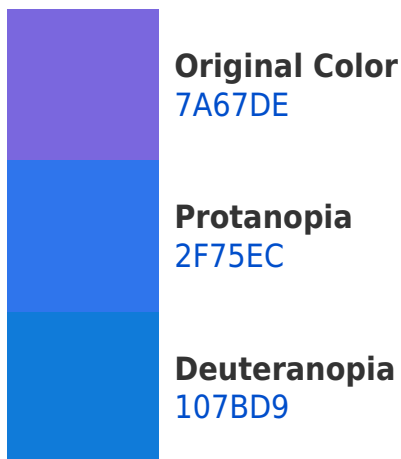



This preview shows how white text looks on a background with the Hex color 7A67DE.

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](#).

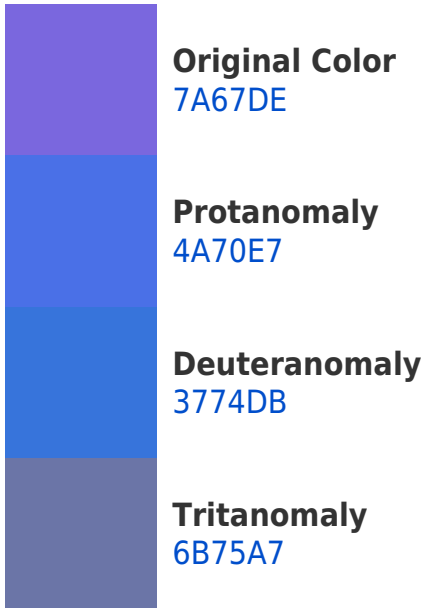
Dichromacy



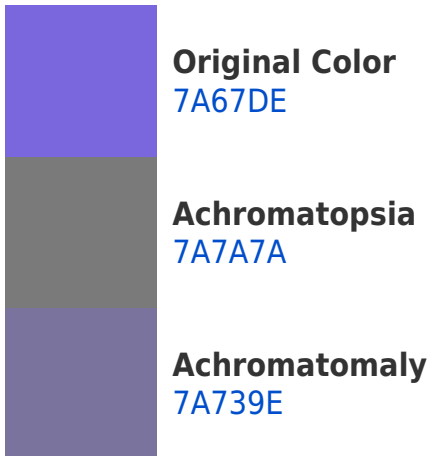


Tritanopia
637D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A67DE 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 #7A67DE looks like.

```
.text, #text, p{  
  color:#7A67DE  
}
```

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 #7A67DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A67DE
}
```

Border

The CSS property to change the border of an element to Hex 7A67DE 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
#7A67DE }
```

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

```
.border{ border-color:#7A67DE }
```

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

Here you see how a box with a 4 pixel #7A67DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A67DE; -webkit-box-shadow:4px 4px  
4px 4px #7A67DE; box-shadow:4px 4px 4px  
4px #7A67DE }
```

Background

The CSS property to change the background color of an element to Hex 7A67DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A67DE }
```

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

```
.background{ background-color:#7A67DE }
```

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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