

Converting Colors

Hex(7852AC)

Have a look what the booklet for
Hex(7852AC) contains.

Hex(7852AC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7852AC)

Conversions

Conversions Part 1

Format	Color
Hex	7852AC
RGB	120, 82, 172
RGB Percent	47%, 32%, 67%
CMY	0.5294, 0.6784, 0.3255
CMYK	0.30, 0.52, 0.00, 0.33
HSL	265°, 35%, 50%
HSV	265°, 52%, 67%
XYZ	18.2094, 13.0062, 40.5804
YIQ	103.6220, -6.2420, 36.0460

Conversions

Conversions Part 2

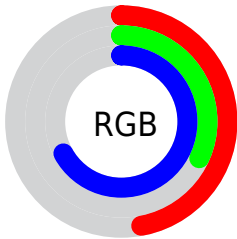
Format	Color
R_{YB}	120, 82, 172
Decimal	7885484
CIE _{Lab}	42.77, 34.91, -42.60
CIE _{LCh}	43, 55.075, 309.337
Yxy	13.0062, 0.2536, 0.1812
Android (android.graphics.Color)	4286075564 (0xFF7852AC)
YUV	103.6220, 33.7104, 14.3635
Hunter-Lab	36.0641, 27.0156, -41.4700

Details

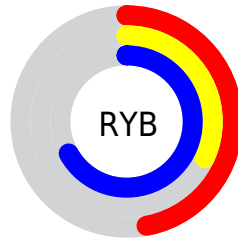
The Hex color **7852AC** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **86AC52**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **AF85E4**, and **432377** is the 20% darker color. If you saturate the color by 10%, you get **6E41AC**, and if you desaturate by 10%, it is **8263AC**.

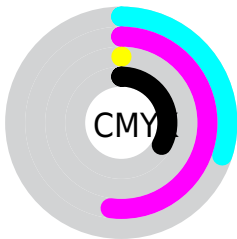
Distribution



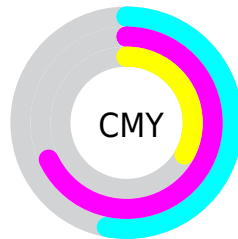
- Red (47%)
- Green (32%)
- Blue (67%)



- Red (47%)
- Yellow (32%)
- Blue (67%)



- Cyan (30%)
- Magenta (52%)
- Yellow (0%)
- Black (33%)



- Cyan (53%)
- Magenta (68%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7852AC 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 7852AC by changing the saturation by 10% instead.

7852AC

7852AC

FFFFFF

5E3A91

AF85E4

432377

CB9FFF

290B5E

E8BAFF

100046

FFD6FF

00012E

FFF3FF

000119

000000

7852AC

7852AC

6E41AC

8263AC

6430AC

8C74AC

5A1EAC

9686AC

500DAC

A097AC

4900AC

AAA8AC

B4B9AC

BECAAC

C8DCAC

D1EDAC

Harmonies

Analogous

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



0066BF



7852AC



A53C86

Triad

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



7852AC



935700



007A72

Complementary

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



7852AC



86AC52

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.



007843



7852AC



6D6700

Square

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



7852AC



AD422D



3B7214



00789E

Rectangle

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



7852AC



B33468



3B7214



007963

Sweetspot

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



7852AC



CCBCE0



5287AC



645B70



F0F0F0



707070

Same Dimension

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



7852AC



8F53E0



A452AC



524E57



400096



0A0017

Inverse Universe

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



AC5286



E053A5



5AAC52



574E53



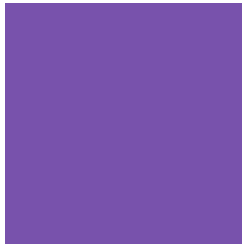
960057



17000D

Previews

White Background



This preview shows how the Hex color 7852AC looks on a white background.

Color Contrast Check

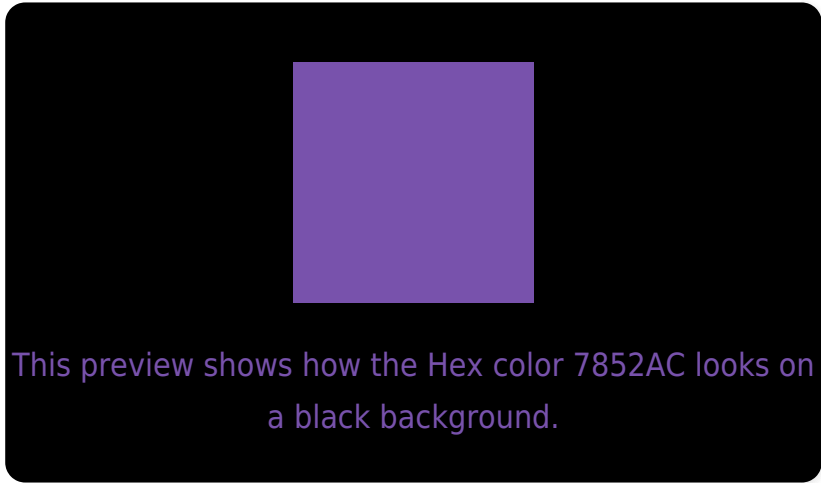
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

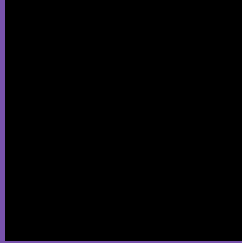
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7852AC Background



This preview shows how black text looks on a background with the Hex color 7852AC.

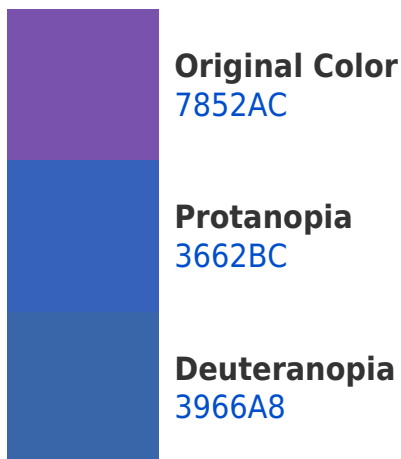


This preview shows how white text looks on a background with the Hex color 7852AC.

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](#).

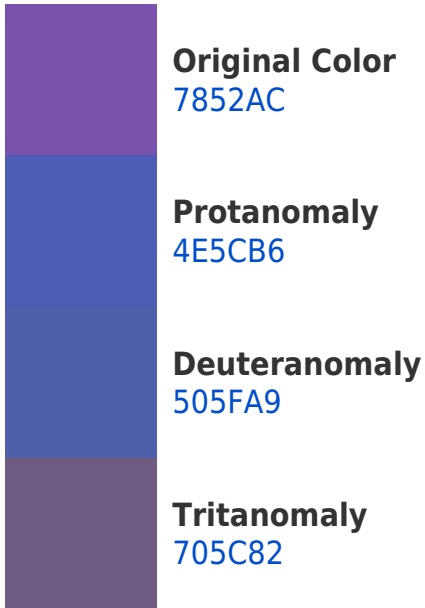
Dichromacy



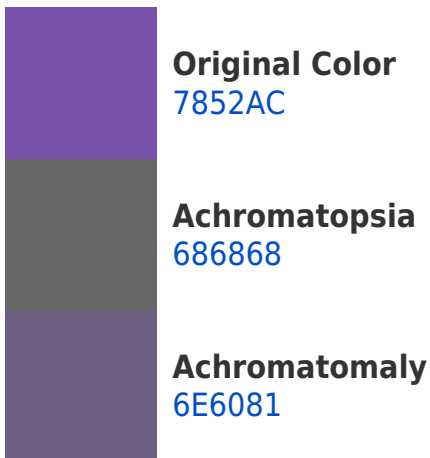


Tritanopia
6B626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7852AC 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 #7852AC looks like.

```
.text, #text, p{  
    color:#7852AC  
}
```

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 #7852AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7852AC
}
```

Border

The CSS property to change the border of an element to Hex 7852AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

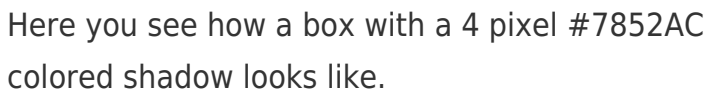
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7852AC }
```

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

```
.border{ border-color:#7852AC }
```

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



Here you see how a box with a 4 pixel #7852AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7852AC; -webkit-box-shadow:4px 4px  
4px 4px #7852AC; box-shadow:4px 4px 4px  
4px #7852AC }
```

Background

The CSS property to change the background color of an element to Hex 7852AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7852AC }
```

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

```
.background{ background-color:#7852AC }
```

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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