

Converting Colors

Hex(7A457E)

Have a look what the booklet for
Hex(7A457E) contains.

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Color

Hex(7A457E)

Conversions

Conversions Part 1

Format	Color
Hex	7A457E
RGB	122, 69, 126
RGB Percent	48%, 27%, 49%
CMY	0.5216, 0.7294, 0.5059
CMYK	0.03, 0.45, 0.00, 0.51
HSL	296°, 29%, 38%
HSV	296°, 45%, 49%
XYZ	13.9201, 9.9002, 20.9159
YIQ	91.3450, 13.2910, 28.9630

Conversions

Conversions Part 2

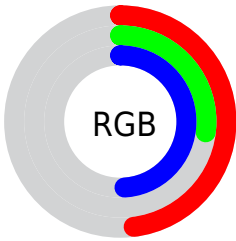
Format	Color
R_{YB}	122, 69, 126
Decimal	8013182
CIE _{Lab}	37.66, 32.25, -22.88
CIE _{LCh}	38, 39.540, 324.649
Yxy	9.9002, 0.3112, 0.2213
Android (android.graphics.Color)	4286203262 (0xFF7A457E)
YUV	91.3450, 17.0849, 26.8844
Hunter-Lab	31.4645, 23.9062, -17.3876

Details

The Hex color **7A457E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **497E45**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B077B3**, and **48154D** is the 20% darker color. If you saturate the color by 10%, you get **79387E**, and if you desaturate by 10%, it is **7B527E**.

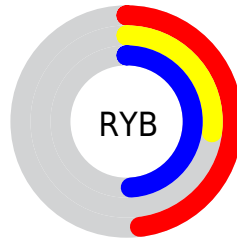
Distribution



Red (48%)

Green (27%)

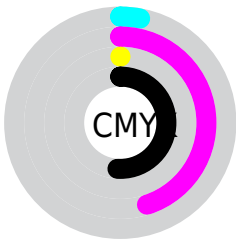
Blue (49%)



Red (48%)

Yellow (27%)

Blue (49%)

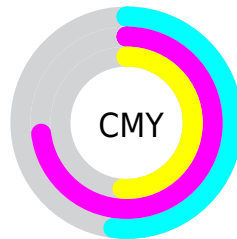


Cyan (3%)

Magenta (45%)

Yellow (0%)

Black (51%)



Cyan (52%)

Magenta (73%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A457E 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 7A457E by changing the saturation by 10% instead.

 7A457E

 7A457E

FFFFFF

 602D65

 B077B3

 48154D

 CC91CF

 300036

 E8ACEB

 1B0020

 FFC8FF

 000004

 FFE4FF

 000000

 7A457E

 7A457E

 79387E

 7B527E

 782C7E

 7C5E7E

771F7E

7D6B7E

76137E

7E777E

76067E

7E847E

75007E

7F917E

809D7E

81AA7E

82B67E

Harmonies

Analogous

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



4F5393



7A457E



8F3C60

Triad

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



7A457E



6E5514



006872

Complementary

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



7A457E



497E45

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.



006852



7A457E



505F1A

Square

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



7A457E



864925



266532



00658C

Rectangle

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



7A457E



933C4A



266532



006868

Sweetspot

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



7A457E



A28CA3



454A7E



514452



D1D1D1



525252

Same Dimension

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



7A457E



9D4BA3



7E4566



3F3940



770080



000000

Inverse Universe

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



7E4549



A34B51



457E5D



40393A



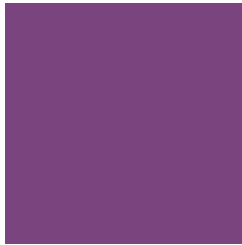
800009



000000

Previews

White Background



This preview shows how the Hex color 7A457E looks on a white background.

Color Contrast Check

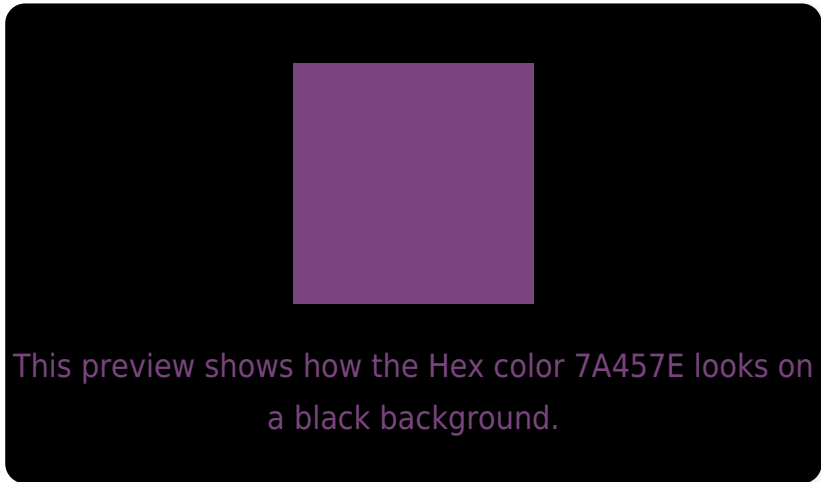
Large Text (above 18pt) WCAG AA ✓ Pass

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

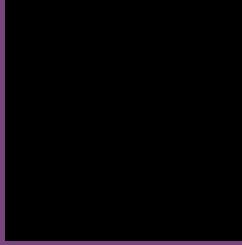
Any Text WCAG AA × Fail

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 7A457E Background



This preview shows how black text looks on a background with the Hex color 7A457E.



This preview shows how white text looks on a background with the Hex color 7A457E.

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



Original Color
7A457E

Protanopia
45578D

Deuteranopia
4F587B



Tritanopia
754E54

Trichromacy



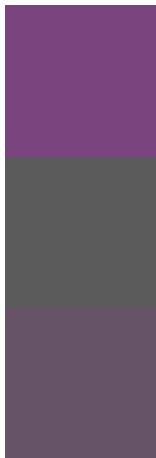
Original Color
7A457E

Protanomaly
585088

Deuteranomaly
5F517C

Tritanomaly
774B63

Monochromacy



Original Color
7A457E

Achromatopsia
5B5B5B

Achromatomaly
665368

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A457E 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 #7A457E looks like.

```
.text, #text, p{  
    color:#7A457E  
}
```

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 #7A457E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A457E
}
```

Border

The CSS property to change the border of an element to Hex 7A457E is called "border". The border property can be set on classes, ids or directly on the HTML element.

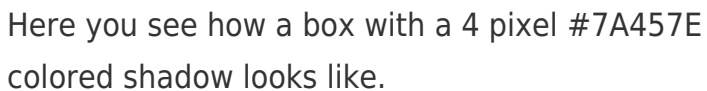
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A457E }
```

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

```
.border{ border-color:#7A457E }
```

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



Here you see how a box with a 4 pixel #7A457E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A457E; -webkit-box-shadow:4px 4px  
4px 4px #7A457E; box-shadow:4px 4px 4px  
4px #7A457E }
```

Background

The CSS property to change the background color of an element to Hex 7A457E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A457E }
```

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

```
.background{ background-color:#7A457E }
```

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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