

Converting Colors

Hex(7B457F)

Have a look what the booklet for
Hex(7B457F) contains.

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Color

Hex(7B457F)

Conversions

Conversions Part 1

Format	Color
Hex	7B457F
RGB	123, 69, 127
RGB Percent	48%, 27%, 50%
CMY	0.5176, 0.7294, 0.5020
CMYK	0.03, 0.46, 0.00, 0.50
HSL	296°, 30%, 38%
HSV	296°, 46%, 50%
XYZ	14.1273, 9.9995, 21.2642
YIQ	91.7580, 13.5660, 29.4860

Conversions

Conversions Part 2

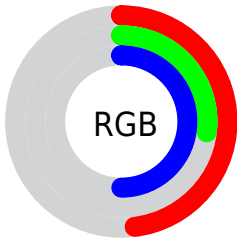
Format	Color
R_{YB}	123, 69, 127
Decimal	8078719
CIE _{Lab}	37.84, 32.78, -23.21
CIE _{LCh}	38, 40.163, 324.705
Yxy	9.9995, 0.3112, 0.2203
Android (android.graphics.Color)	4286268799 (0xFF7B457F)
YUV	91.7580, 17.3743, 27.3992
Hunter-Lab	31.6220, 24.4072, -17.7341

Details

The Hex color **7B457F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **497F45**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B177B4**, and **48154E** is the 20% darker color. If you saturate the color by 10%, you get **7A387F**, and if you desaturate by 10%, it is **7C527F**.

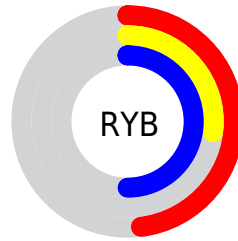
Distribution



Red (48%)

Green (27%)

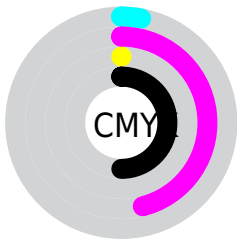
Blue (50%)



Red (48%)

Yellow (27%)

Blue (50%)

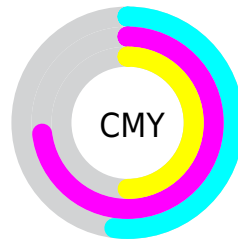


Cyan (3%)

Magenta (46%)

Yellow (0%)

Black (50%)



Cyan (52%)

Magenta (73%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B457F 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 7B457F by changing the saturation by 10% instead.

 7B457F

 7B457F

FFFFFF

 612D66

 B177B4

 48154E

 CD91D0

 300037

 E9ACEC

 1C0021

 FFC8FF

 000005

 FFE4FF

 000000

 7B457F

 7B457F

 7A387F

 7C527F

 792C7F

 7D5E7F

 781F7F

 7E6B7F


 77127F

 7F787F

 77057F

 7F847F

 76007F

 80917F

 819E7F

 82AB7F

 83B77F

Harmonies

Analogous

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



505394



7B457F



913B60

Triad

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



7B457F



6F5513



006973

Complementary

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



7B457F



497F45

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



7B457F



505F19

Square

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



7B457F



874924



256532



00668E

Rectangle

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



7B457F



943B4A



256532



006969

Sweetspot

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



7B457F



A48FA6



454A7F



534654



D4D4D4



545454

Same Dimension

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



7B457F



9F4BA6



7F4567



3F3940



770080



000000

Inverse Universe

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



7F4549



A64B51



457F5D



40393A



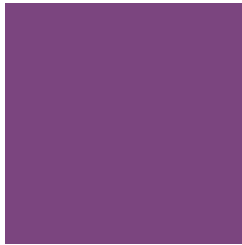
800009



000000

Previews

White Background



This preview shows how the Hex color 7B457F looks on a white background.

Color Contrast Check

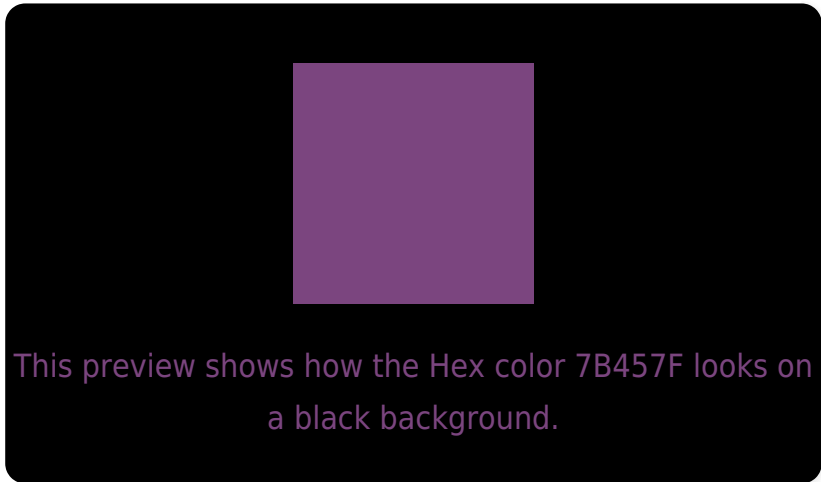
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

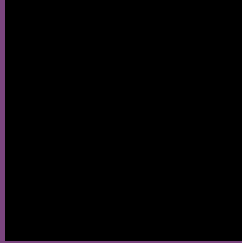
Any Text WCAG AA × Fail

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 7B457F Background



This preview shows how black text looks on a background with the Hex color 7B457F.



This preview shows how white text looks on a background with the Hex color 7B457F.

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
754F55

Trichromacy



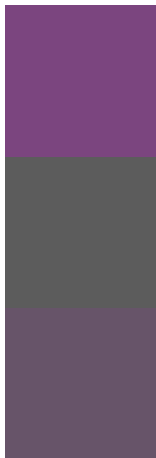
Original Color
7B457F

Protanomaly
595189

Deuteranomaly
5F517C

Tritanomaly
774B64

Monochromacy



Original Color
7B457F

Achromatopsia
5C5C5C

Achromatomaly
675469

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B457F 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 #7B457F looks like.

```
.text, #text, p{  
    color:#7B457F  
}
```

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 #7B457F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B457F
}
```

Border

The CSS property to change the border of an element to Hex 7B457F is called "border". The border property can be set on classes, ids or directly on the HTML element.

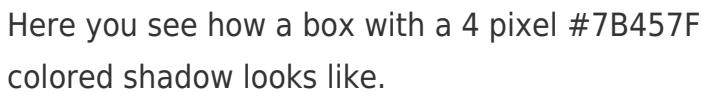
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B457F }
```

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

```
.border{ border-color:#7B457F }
```

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



Here you see how a box with a 4 pixel #7B457F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B457F; -webkit-box-shadow:4px 4px  
4px 4px #7B457F; box-shadow:4px 4px 4px  
4px #7B457F }
```

Background

The CSS property to change the background color of an element to Hex 7B457F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B457F }
```

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

```
.background{ background-color:#7B457F }
```

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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