

Converting Colors

Hex(7B4184)

Have a look what the booklet for
Hex(7B4184) contains.

Hex(7B4184)	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(7B4184)

Conversions

Conversions Part 1

Format	Color
Hex	7B4184
RGB	123, 65, 132
RGB Percent	48%, 25%, 52%
CMY	0.5176, 0.7451, 0.4824
CMYK	0.07, 0.51, 0.00, 0.48
HSL	292°, 34%, 39%
HSV	292°, 51%, 52%
XYZ	14.2235, 9.6575, 22.9442
YIQ	89.9800, 13.0610, 33.1330

Conversions

Conversions Part 2

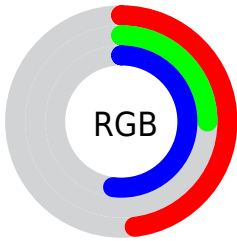
Format	Color
R_{YB}	123, 65, 132
Decimal	8077700
CIE _{Lab}	37.22, 36.06, -27.26
CIE _{LCh}	37, 45.199, 322.915
Yxy	9.6575, 0.3038, 0.2062
Android (android.graphics.Color)	4286267780 (0xFF7B4184)
YUV	89.9800, 20.7159, 28.9585
Hunter-Lab	31.0765, 27.3145, -22.0211

Details

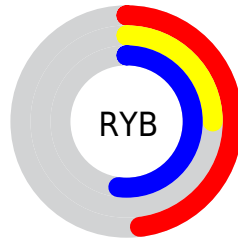
The Hex color **7B4184** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A8441**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B173B9**, and **481052** is the 20% darker color. If you saturate the color by 10%, you get **793484**, and if you desaturate by 10%, it is **7D4E84**.

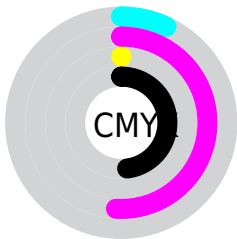
Distribution



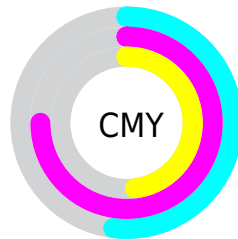
- Red (48%)
- Green (25%)
- Blue (52%)



- Red (48%)
- Yellow (25%)
- Blue (52%)



- Cyan (7%)
- Magenta (51%)
- Yellow (0%)
- Black (48%)



- Cyan (52%)
- Magenta (75%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7B4184 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 7B4184 by changing the saturation by 10% instead.

 7B4184

 7B4184

FFFFFF

 61296B

 B173B9

 481052

 CD8DD5

 30003B

 EAA8F2

 1A0025

 FFC4FF

 00000D

 FFE0FF

 000000

 FFFDFD

 7B4184

 7B4184

 793484

 7D4E84

772784

7F5B84

761984

806984

740C84

827684

720084

848384

869084

879D84

89AB84

8BB884

Harmonies

Analogous

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



46529B



7B4184



943462

Triad

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



7B4184



715302



006873

Complementary

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



7B4184



4A8441

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.



00684D



7B4184



4E5E08

Square

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



7B4184



8B441D



1C6529



006691

Rectangle

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



7B4184



993349



1C6529



006967

Sweetspot

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



7B4184



A791AB



414B84



554757



D6D6D6



575757

Same Dimension

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



7B4184



9D43AB



84416D



413C42



710082



020003

Inverse Universe

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



84414A



AB4351



418458



423C3D



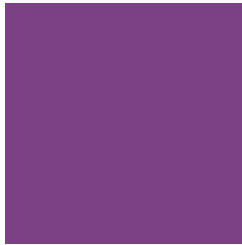
820011



030000

Previews

White Background



This preview shows how the Hex color 7B4184 looks on a white background.

Color Contrast Check

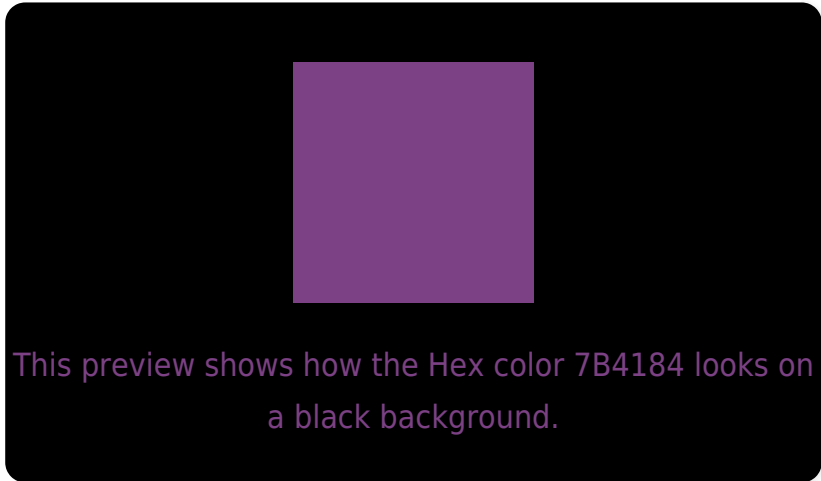
Large Text (above 18pt) WCAG AA ✓ Pass

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

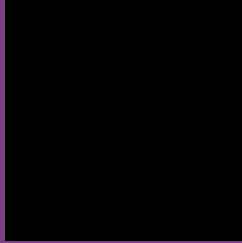
Any Text WCAG AA × Fail

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 7B4184 Background



This preview shows how black text looks on a background with the Hex color 7B4184.



This preview shows how white text looks on a background with the Hex color 7B4184.

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
744D53

Trichromacy



Original Color
7B4184

Protanomaly
534E90

Deuteranomaly
5B4F81

Tritanomaly
774965

Monochromacy



Original Color
7B4184

Achromatopsia
5A5A5A

Achromatomaly
665169

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B4184 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 #7B4184 looks like.

```
.text, #text, p{  
    color:#7B4184  
}
```

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 #7B4184 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4184
}
```

Border

The CSS property to change the border of an element to Hex 7B4184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

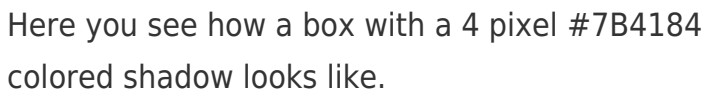
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4184 }
```

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

```
.border{ border-color:#7B4184 }
```

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



Here you see how a box with a 4 pixel #7B4184 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4184; -webkit-box-shadow:4px 4px  
4px 4px #7B4184; box-shadow:4px 4px 4px  
4px #7B4184 }
```

Background

The CSS property to change the background color of an element to Hex 7B4184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4184 }
```

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

```
.background{ background-color:#7B4184 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor