

Converting Colors

Hex(7B4684)

Have a look what the booklet for
Hex(7B4684) contains.

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Color

Hex(7B4684)

Conversions

Conversions Part 1

Format	Color
Hex	7B4684
RGB	123, 70, 132
RGB Percent	48%, 27%, 52%
CMY	0.5176, 0.7255, 0.4824
CMYK	0.07, 0.47, 0.00, 0.48
HSL	291°, 31%, 40%
HSV	291°, 47%, 52%
XYZ	14.5234, 10.2572, 23.0442
YIQ	92.9150, 11.6860, 30.5180

Conversions

Conversions Part 2

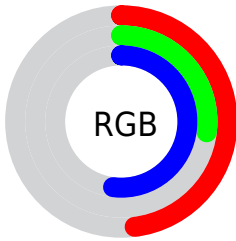
Format	Color
R_{YB}	123, 70, 132
Decimal	8078980
CIE _{Lab}	38.30, 33.26, -25.57
CIE _{LCh}	38, 41.948, 322.448
Yxy	10.2572, 0.3037, 0.2145
Android (android.graphics.Color)	4286269060 (0xFF7B4684)
YUV	92.9150, 19.2689, 26.3845
Hunter-Lab	32.0269, 24.8983, -20.2419

Details

The Hex color **7B4684** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4F8446**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B178B9**, and **481652** is the 20% darker color. If you saturate the color by 10%, you get **793984**, and if you desaturate by 10%, it is **7D5384**.

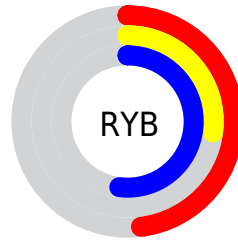
Distribution



Red (48%)

Green (27%)

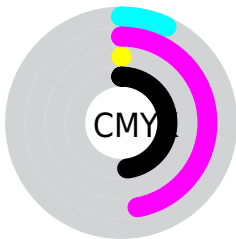
Blue (52%)



Red (48%)

Yellow (27%)

Blue (52%)

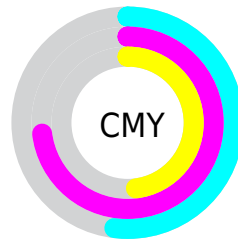


Cyan (7%)

Magenta (47%)

Yellow (0%)

Black (48%)



Cyan (52%)

Magenta (73%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B4684 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 7B4684 by changing the saturation by 10% instead.

 7B4684

 7B4684

FFFFFF

 612E6B

 B178B9

 481652

 CD92D5

 30003B

 E9ADF2

 1C0025

 FFC9FF

 00010D

 FFE5FF

 000000

 7B4684

 7B4684

 793984

 7D5384

 772C84

 7F6084

751E84

816E84

731184

837B84

710484

858884

710084

869584

88A284

8AB084

8CBD84

Harmonies

Analogous

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



4B5599



7B4684



933B64

Triad

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



7B4684



735510



006A73

Complementary

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



7B4684



4F8446

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.



006A50



7B4684



536014

Square

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



7B4684



8B4825



27672E



00688F

Rectangle

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



7B4684



983A4D



27672E



006A68

Sweetspot

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



7B4684



A793AB



464F84



554857



D6D6D6



575757

Same Dimension

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



7B4684



9D4BAB



84466E



413C42



6F0082



020003

Inverse Universe

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



84464F



AB4B59



46845C



423C3D



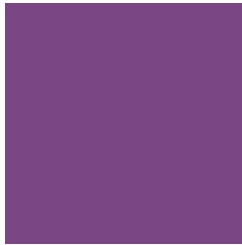
820013



030000

Previews

White Background



This preview shows how the Hex color 7B4684 looks on a white background.

Color Contrast Check

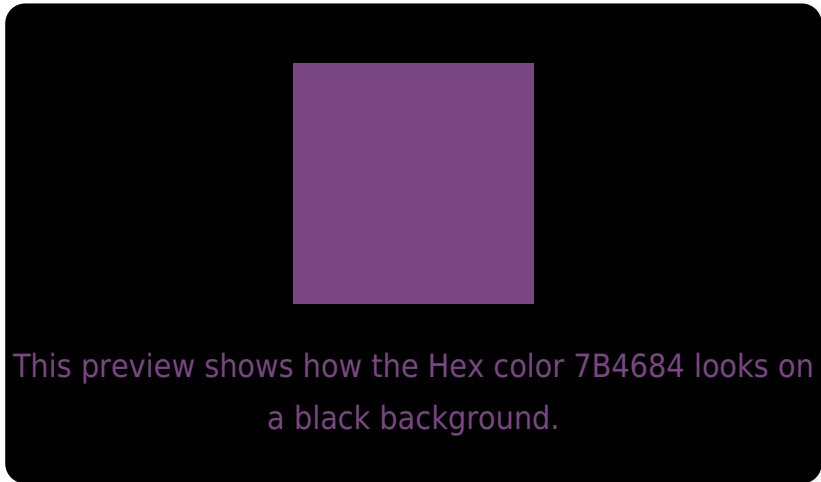
Large Text (above 18pt) WCAG AA ✓ Pass

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

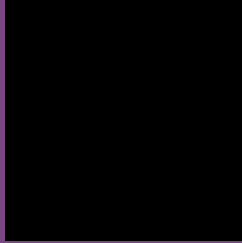
Any Text WCAG AA × Fail

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 7B4684 Background



This preview shows how black text looks on a background with the Hex color 7B4684.



This preview shows how white text looks on a background with the Hex color 7B4684.

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
755157

Trichromacy



Original Color
7B4684

Protanomaly
57528E

Deuteranomaly
5E5381

Tritanomaly
774D67

Monochromacy



Original Color
7B4684

Achromatopsia
5D5D5D

Achromatomaly
68556B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B4684 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 #7B4684 looks like.

```
.text, #text, p{  
  color:#7B4684  
}
```

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 #7B4684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4684
}
```

Border

The CSS property to change the border of an element to Hex 7B4684 is called "border". The border property can be set on classes, ids or directly on the HTML element.

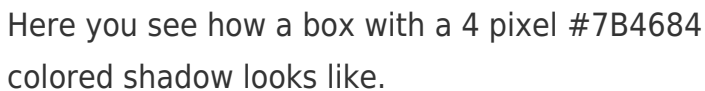
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4684 }
```

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

```
.border{ border-color:#7B4684 }
```

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



Here you see how a box with a 4 pixel #7B4684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4684; -webkit-box-shadow:4px 4px  
4px 4px #7B4684; box-shadow:4px 4px 4px  
4px #7B4684 }
```

Background

The CSS property to change the background color of an element to Hex 7B4684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4684 }
```

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

```
.background{ background-color:#7B4684 }
```

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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