

Converting Colors

Hex(7B5870)

Have a look what the booklet for
Hex(7B5870) contains.

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Color

Hex(7B5870)

Conversions

Conversions Part 1

Format	Color
Hex	7B5870
RGB	123, 88, 112
RGB Percent	48%, 35%, 44%
CMY	0.5176, 0.6549, 0.5608
CMYK	0.00, 0.28, 0.09, 0.52
HSL	319°, 17%, 41%
HSV	319°, 28%, 48%
XYZ	14.5827, 12.3603, 16.9464
YIQ	101.2010, 13.1560, 14.8840

Conversions

Conversions Part 2

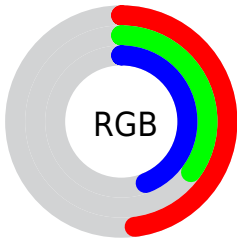
Format	Color
R_{YB}	123, 88, 112
Decimal	8083568
CIE Lab	41.78, 18.61, -7.96
CIE LCh	42, 20.237, 336.852
Yxy	12.3603, 0.3323, 0.2816
Android (android.graphics.Color)	4286273648 (0xFF7B5870)
YUV	101.2010, 5.3239, 19.1177
Hunter-Lab	35.1572, 12.5145, -3.9689

Details

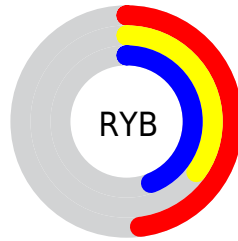
The Hex color **7B5870** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **587B63**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B08AA4**, and **4A2A40** is the 20% darker color. If you saturate the color by 10%, you get **7B4C6C**, and if you desaturate by 10%, it is **7B6474**.

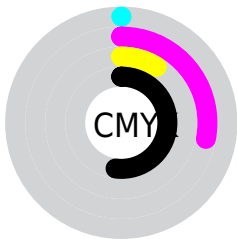
Distribution



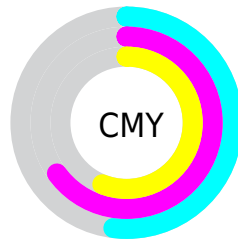
- Red (48%)
- Green (35%)
- Blue (44%)



- Red (48%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (28%)
- Yellow (9%)
- Black (52%)



- Cyan (52%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5870 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 7B5870 by changing the saturation by 10% instead.

 7B5870

 7B5870

FFFFFF

 624058

 B08AA4

 4A2A40

 CCA5BF

 32142A

 E8C0DB

 1F0016

 FFDCF7

 000000

 FFF8FF

 7B5870

 7B5870

 7B4C6C

 7B6474

 7B3F68

 7B7178

 7B3364

 7B7D7C

 7B2761

 7B897F

 7B1B5D

 7B9583

 7B0E59

 7BA287

 7B0255

 7BAE8B

 7B0054

 7BBA8F

 7BC793

Harmonies

Analogous

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



6A5D7D



7B5870



83565F

Triad

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



7B5870



6B6341



2D6B76

Complementary

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



7B5870



587B63

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.



336C66



7B5870



586848

Square

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



7B5870



795D44



456B55



3B6881

Rectangle

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



7B5870



845754



456B55



2D6B71

Sweetspot

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



7B5870



A1929C



63587B



52494F



D1D1D1



525252

Same Dimension

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



7B5870



A16A8F



7B585F



3D373B



7D0056



FC00AD

Inverse Universe

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



7B5870



A16A8F



587B74



3D373B



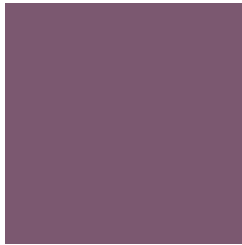
7D0056



FC00AD

Previews

White Background



This preview shows how the Hex color 7B5870 looks on a white background.

Color Contrast Check

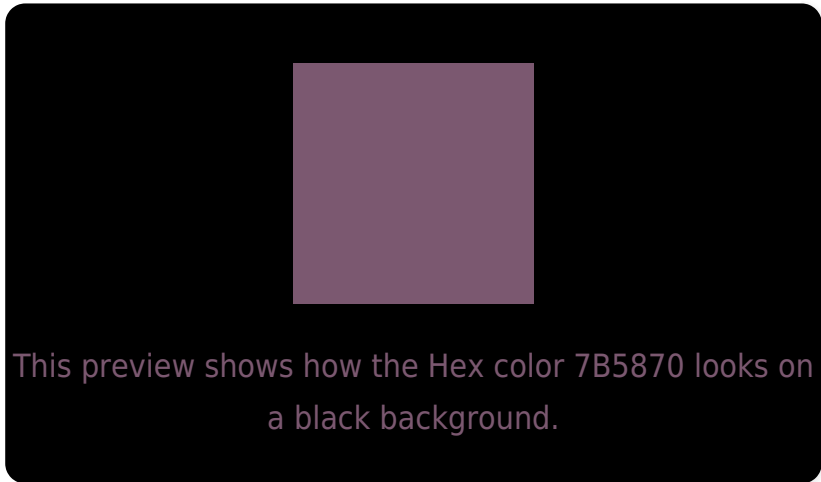
Large Text (above 18pt) WCAG AA ✓ Pass

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

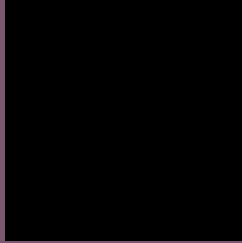
Any Text WCAG AA × Fail

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 7B5870 Background



This preview shows how black text looks on a background with the Hex color 7B5870.



This preview shows how white text looks on a background with the Hex color 7B5870.

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
7B5870

Protanopia
5E6277

Deuteranopia
67606E



Tritanopia
795B62

Trichromacy



Original Color

7B5870

Protanomaly

695E74

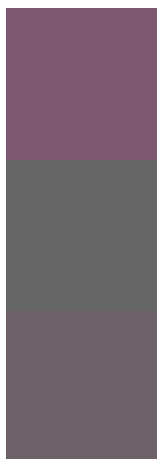
Deuteranomaly

6E5D6F

Tritanomaly

7A5A67

Monochromacy



Original Color

7B5870

Achromatopsia

656565

Achromatomaly

6D6069

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5870 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 #7B5870 looks like.

```
.text, #text, p{  
    color:#7B5870  
}
```

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 #7B5870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5870
}
```

Border

The CSS property to change the border of an element to Hex 7B5870 is called "border". The border property can be set on classes, ids or directly on the HTML element.

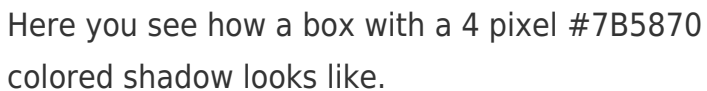
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B5870 }
```

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

```
.border{ border-color:#7B5870 }
```

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



Here you see how a box with a 4 pixel #7B5870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5870; -webkit-box-shadow:4px 4px  
4px 4px #7B5870; box-shadow:4px 4px 4px  
4px #7B5870 }
```

Background

The CSS property to change the background color of an element to Hex 7B5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5870 }
```

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

```
.background{ background-color:#7B5870 }
```

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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