

Converting Colors

Hex(7B5877)

Have a look what the booklet for
Hex(7B5877) contains.

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Color

Hex(7B5877)

Conversions

Conversions Part 1

Format	Color
Hex	7B5877
RGB	123, 88, 119
RGB Percent	48%, 35%, 47%
CMY	0.5176, 0.6549, 0.5333
CMYK	0.00, 0.28, 0.03, 0.52
HSL	307°, 17%, 41%
HSV	307°, 28%, 48%
XYZ	14.9879, 12.5223, 19.0799
YIQ	101.9990, 10.9090, 17.0610

Conversions

Conversions Part 2

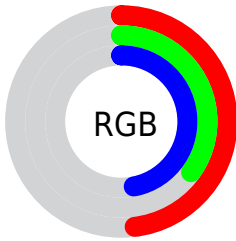
Format	Color
R_{YB}	123, 88, 119
Decimal	8083575
CIE _{Lab}	42.03, 19.98, -11.86
CIE _{LCh}	42, 23.234, 329.309
Yxy	12.5223, 0.3217, 0.2688
Android (android.graphics.Color)	4286273655 (0xFF7B5877)
YUV	101.9990, 8.3815, 18.4179
Hunter-Lab	35.3869, 13.6755, -7.1971

Details

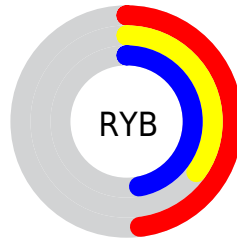
The Hex color **7B5877** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **587B5C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B08AAB**, and **4A2A47** is the 20% darker color. If you saturate the color by 10%, you get **7B4C76**, and if you desaturate by 10%, it is **7B6478**.

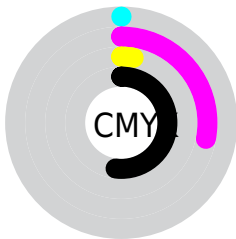
Distribution



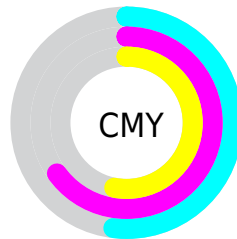
- Red (48%)
- Green (35%)
- Blue (47%)



- Red (48%)
- Yellow (35%)
- Blue (47%)



- Cyan (0%)
- Magenta (28%)
- Yellow (3%)
- Black (52%)



- Cyan (52%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5877 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 7B5877 by changing the saturation by 10% instead.

7B5877

7B5877

FFFFFF

62405E

B08AAB

4A2A47

CCA5C7

321430

E8C0E3

1F001C

FFDCFF

000000

FFF9FF

7B5877

7B5877

7B4C76

7B6478

7B3F74

7B717A

7B3373

7B7D7B

7B2771

7B897D

7B1B70

7B957E

7B0E6F

7BA27F

7B026D

7BAE81

7B006D

7BBA82

7BC784

Harmonies

Analogous

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



655E84



7B5877



875564

Triad

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



7B5877



71623D



1E6D75

Complementary

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



7B5877



587B5C

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.



2F6E62



7B5877



5D6841

Square

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



7B5877



805B43



466C4F



2A6A84

Rectangle

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



7B5877



895557



466C4F



216D6F

Sweetspot

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



7B5877



A1929F



5B587B



524951



D1D1D1



525252

Same Dimension

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



7B5877



A16A9A



7B5866



3D373D



7D006F



FC00E0

Inverse Universe

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



7B5877



A16A9A



587B6D



3D373D



7D006F



FC00E0

Previews

White Background



This preview shows how the Hex color 7B5877 looks on a white background.

Color Contrast Check

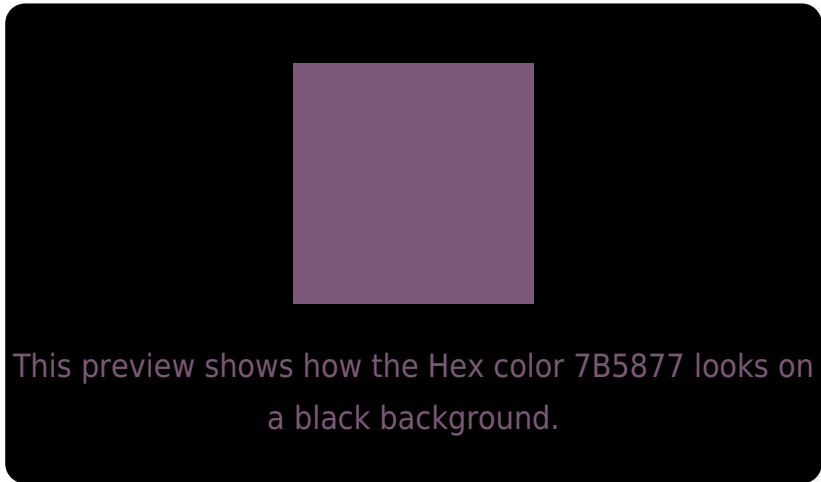
Large Text (above 18pt) WCAG AA ✓ Pass

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

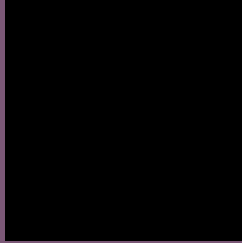
Any Text WCAG AA × Fail

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 7B5877 Background



This preview shows how black text looks on a background with the Hex color 7B5877.



This preview shows how white text looks on a background with the Hex color 7B5877.

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
7B5877

Protanopia
5C627E

Deuteranopia
646175



Tritanopia
785C63

Trichromacy



Original Color
7B5877

Protanomaly
675E7B

Deuteranomaly
6C5E76

Tritanomaly
795B6A

Monochromacy



Original Color
7B5877

Achromatopsia
666666

Achromatomaly
6E616C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5877 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 #7B5877 looks like.

```
.text, #text, p{  
    color:#7B5877  
}
```

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 #7B5877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5877  
}
```

Border

The CSS property to change the border of an element to Hex 7B5877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

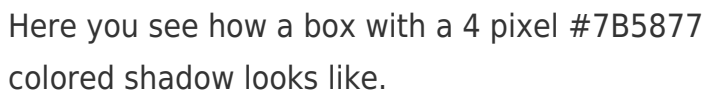
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7B5877 }
```

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

```
.border{ border-color:#7B5877 }
```

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



Here you see how a box with a 4 pixel `#7B5877` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5877; -webkit-box-shadow:4px 4px  
4px 4px #7B5877; box-shadow:4px 4px 4px  
4px #7B5877 }
```

Background

The CSS property to change the background color of an element to Hex 7B5877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5877 }
```

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

```
.background{ background-color:#7B5877 }
```

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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