

Converting Colors

Hex(7B5386)

Have a look what the booklet for
Hex(7B5386) contains.

| | |
|--|----|
| Hex(7B5386) | 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(7B5386)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7B5386 |
| RGB | 123, 83, 134 |
| RGB Percent | 48%, 33%, 53% |
| CMY | 0.5176, 0.6745, 0.4745 |
| CMYK | 0.08, 0.38, 0.00, 0.47 |
| HSL | 287°, 24%, 43% |
| HSV | 287°, 38%, 53% |
| XYZ | 15.5647, 12.1187, 24.0730 |
| YIQ | 100.7740, 7.4690, 24.3410 |

Conversions

Conversions Part 2

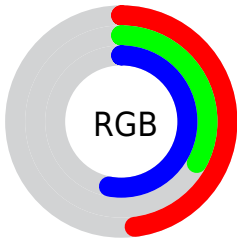
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 123, 83, 134 |
| Decimal | 8082310 |
| CIE _{Lab} | 41.40, 26.12, -21.96 |
| CIE _{LCh} | 41, 34.126, 319.940 |
| Yxy | 12.1187, 0.3007, 0.2341 |
| Android (android.graphics.Color) | 4286272390 (0xFF7B5386) |
| YUV | 100.7740, 16.3804, 19.4922 |
| Hunter-Lab | 34.8119, 18.8880, -16.6317 |

Details

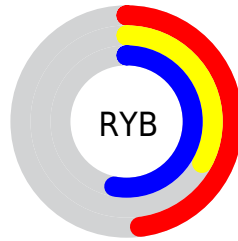
The Hex color **7B5386** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5E8653**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B085BB**, and **492554** is the 20% darker color. If you saturate the color by 10%, you get **784686**, and if you desaturate by 10%, it is **7E6086**.

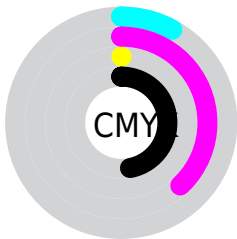
Distribution



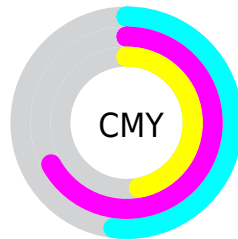
- Red (48%)
- Green (33%)
- Blue (53%)



- Red (48%)
- Yellow (33%)
- Blue (53%)



- Cyan (8%)
- Magenta (38%)
- Yellow (0%)
- Black (47%)



- Cyan (52%)
- Magenta (67%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5386 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 7B5386 by changing the saturation by 10% instead.

 7B5386

 7B5386

FFFFFF

 623B6D

 B085BB

 492554

 CCA0D7

 310E3D

 E8BBF4

 1F0027

 FFD7FF

 000110

 FFF3FF

 000000

 7B5386

 7B5386

 784686

 7E6086

 753886

 816E86

722B86

847B86

6F1D86

878986

6D1086

899686

6A0386

8CA386

690086

8FB186

92BE86

95CC86

Harmonies

Analogous

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



545E96



7B5386



914B6C

Triad

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



7B5386



7A5D29



007074

Complementary

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



7B5386



5E8653

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.



006F57



7B5386



60662B

Square

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



7B5386



8E5338



3F6C3C



006D8C

Rectangle

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



7B5386



964A59



3F6C3C



00706A

Sweetspot

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



7B5386



A99AAD



535E86



544B57



D6D6D6



575757

Same Dimension

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



7B5386



9C5EAD



865378



413C42



660082



020003

Inverse Universe

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



86535E



AD5E6F



538661



423C3D



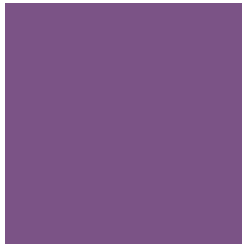
82001C



030001

Previews

White Background



This preview shows how the Hex color 7B5386 looks on a white background.

Color Contrast Check

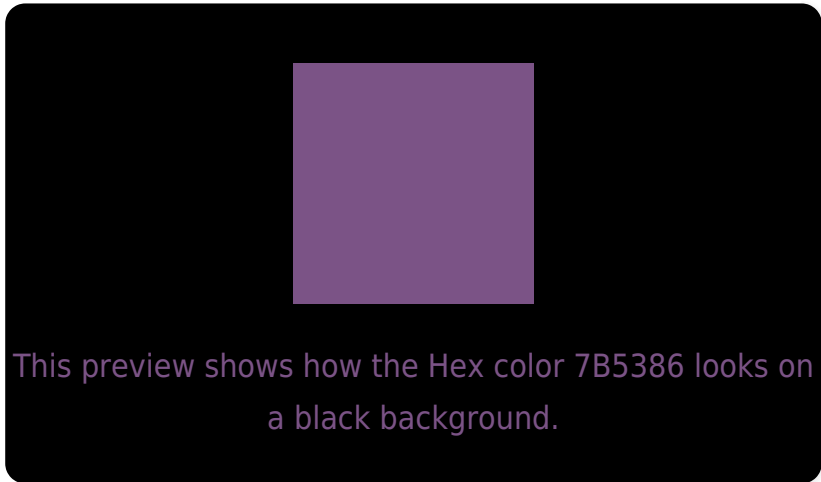
Large Text (above 18pt) WCAG AA ✓ Pass

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

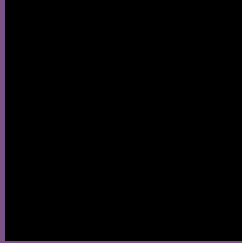
Any Text WCAG AA × Fail

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 7B5386 Background



This preview shows how black text looks on a background with the Hex color 7B5386.



This preview shows how white text looks on a background with the Hex color 7B5386.

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
765B62

Trichromacy



Original Color
7B5386

Protanomaly
615B8D

Deuteranomaly
655C84

Tritanomaly
78586F

Monochromacy



Original Color
7B5386

Achromatopsia
656565

Achromatomaly
6D5E71

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5386 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 #7B5386 looks like.

```
.text, #text, p{  
    color:#7B5386  
}
```

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 #7B5386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5386  
}
```

Border

The CSS property to change the border of an element to Hex 7B5386 is called "border". The border property can be set on classes, ids or directly on the HTML element.

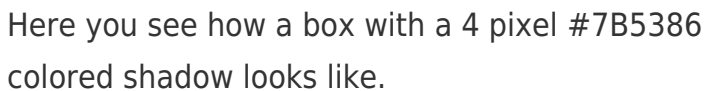
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7B5386 }
```

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

```
.border{ border-color:#7B5386 }
```

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



Here you see how a box with a 4 pixel #7B5386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5386; -webkit-box-shadow:4px 4px  
4px 4px #7B5386; box-shadow:4px 4px 4px  
4px #7B5386 }
```

Background

The CSS property to change the background color of an element to Hex 7B5386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5386 }
```

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

```
.background{ background-color:#7B5386 }
```

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