

Converting Colors

Hex(7B517B)

Have a look what the booklet for
Hex(7B517B) contains.

Hex(7B517B)	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(7B517B)

Conversions

Conversions Part 1

Format	Color
Hex	7B517B
RGB	123, 81, 123
RGB Percent	48%, 32%, 48%
CMY	0.5176, 0.6824, 0.5176
CMYK	0.00, 0.34, 0.00, 0.52
HSL	300°, 21%, 40%
HSV	300°, 34%, 48%
XYZ	14.6860, 11.5259, 20.1896
YIQ	98.3460, 11.5500, 21.9660

Conversions

Conversions Part 2

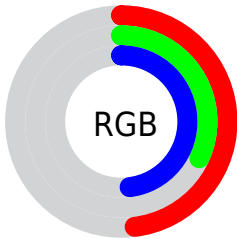
Format	Color
R_{YB}	123, 81, 123
Decimal	8081787
CIE Lab	40.45, 24.97, -16.72
CIE LCh	40, 30.051, 326.204
Yxy	11.5259, 0.3165, 0.2484
Android (android.graphics.Color)	4286271867 (0xFF7B517B)
YUV	98.3460, 12.1544, 21.6216
Hunter-Lab	33.9498, 17.8032, -11.4943

Details

The Hex color **7B517B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **517B51**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B083B0**, and **49234A** is the 20% darker color. If you saturate the color by 10%, you get **7B457B**, and if you desaturate by 10%, it is **7B5D7B**.

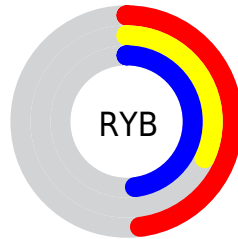
Distribution



Red (48%)

Green (32%)

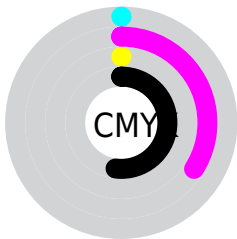
Blue (48%)



Red (48%)

Yellow (32%)

Blue (48%)

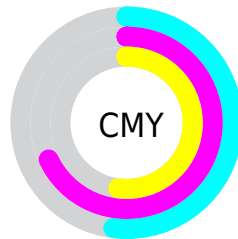


Cyan (0%)

Magenta (34%)

Yellow (0%)

Black (52%)



Cyan (52%)

Magenta (68%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B517B 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 7B517B by changing the saturation by 10% instead.



7B517B



7B517B

FFFFFF



623962



B083B0



49234A



CC9DCB



320C33



E8B9E7



20001F



FFD4FF



000001



FFF1FF



000000



7B517B



7B517B



7B457B



7B5D7B



7B387B



7B6A7B

 7B2C7B

 7B767B

 7B207B

 7B827B

 7B137B

 7B8F7B

 7B077B

 7B9B7B

 7B007B

 7BA77B

 7BB37B

 7BC07B

Harmonies

Analogous

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



5D5A8B



7B517B



8B4C63

Triad

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



7B517B



715D2D



006C74

Complementary

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



7B517B



517B51

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.



0B6C5B



7B517B



596432

Square

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



7B517B



845437



3B6943



006988

Rectangle

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



7B517B



8E4C53



3B6943



006C6C

Sweetspot

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



7B517B



A191A1



51517B



524852



D1D1D1



525252

Same Dimension

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



7B517B



A15FA1



7B5166



3D373D



7D007D



FC00FC

Inverse Universe

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



7B517B



A15FA1



517B66



3D373D



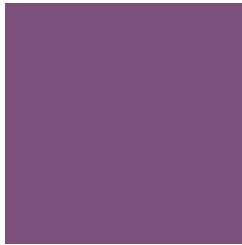
7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 7B517B 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

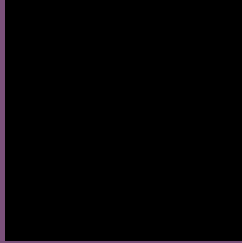
Any Text WCAG AA × Fail

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 7B517B Background



This preview shows how black text looks on a background with the Hex color 7B517B.

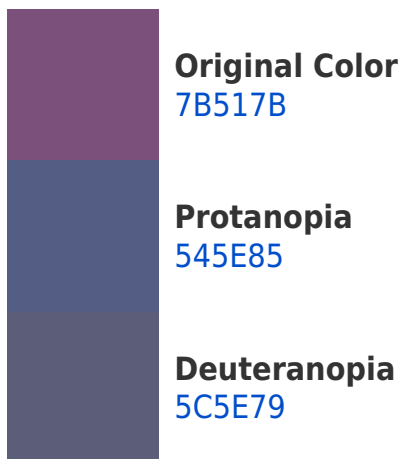


This preview shows how white text looks on a background with the Hex color 7B517B.

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
77575E

Trichromacy



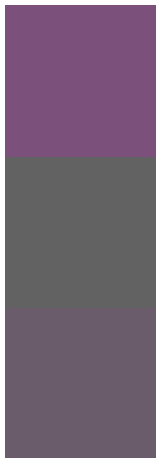
Original Color
7B517B

Protanomaly
625981

Deuteranomaly
67597A

Tritanomaly
785569

Monochromacy



Original Color
7B517B

Achromatopsia
626262

Achromatomaly
6B5C6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B517B 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 #7B517B looks like.

```
.text, #text, p{  
    color:#7B517B  
}
```

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 #7B517B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B517B
}
```

Border

The CSS property to change the border of an element to Hex 7B517B is called "border". The border property can be set on classes, ids or directly on the HTML element.

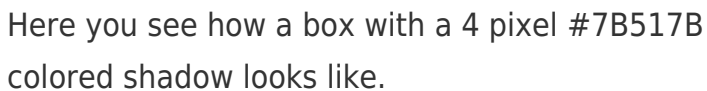
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B517B }
```

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

```
.border{ border-color:#7B517B }
```

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



Here you see how a box with a 4 pixel #7B517B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B517B; -webkit-box-shadow:4px 4px  
4px 4px #7B517B; box-shadow:4px 4px 4px  
4px #7B517B }
```

Background

The CSS property to change the background color of an element to Hex 7B517B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B517B }
```

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

```
.background{ background-color:#7B517B }
```

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