

Converting Colors

Hex(7B5189)

Have a look what the booklet for
Hex(7B5189) contains.

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Color

Hex(7B5189)

Conversions

Conversions Part 1

Format	Color
Hex	7B5189
RGB	123, 81, 137
RGB Percent	48%, 32%, 54%
CMY	0.5176, 0.6824, 0.4627
CMYK	0.10, 0.41, 0.00, 0.46
HSL	285°, 26%, 43%
HSV	285°, 41%, 54%
XYZ	15.6262, 11.9020, 25.1406
YIQ	99.9420, 7.0560, 26.3200

Conversions

Conversions Part 2

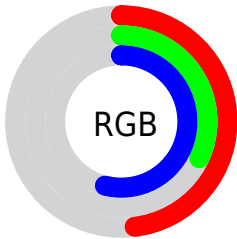
Format	Color
R_{YB}	123, 81, 137
Decimal	8081801
CIE Lab	41.06, 27.96, -24.32
CIE LCh	41, 37.058, 318.987
Yxy	11.9020, 0.2967, 0.2260
Android (android.graphics.Color)	4286271881 (0xFF7B5189)
YUV	99.9420, 18.2696, 20.2219
Hunter-Lab	34.4992, 20.4766, -19.0570

Details

The Hex color **7B5189** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5F8951**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **B083BF**, and **492257** is the 20% darker color. If you saturate the color by 10%, you get **784389**, and if you desaturate by 10%, it is **7E5F89**.

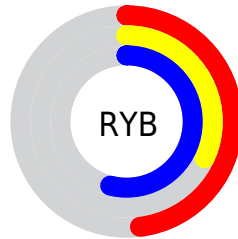
Distribution



Red (48%)

Green (32%)

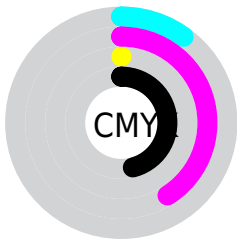
Blue (54%)



Red (48%)

Yellow (32%)

Blue (54%)

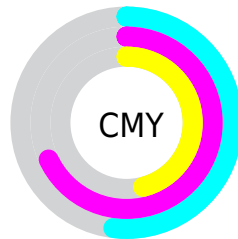


Cyan (10%)

Magenta (41%)

Yellow (0%)

Black (46%)



Cyan (52%)

Magenta (68%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5189 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 7B5189 by changing the saturation by 10% instead.

7B5189

7B5189

FFFFFF

61396F

B083BF

492257

CC9EDB

310C3F

E9B9F7

1F0029

FFD5FF

000113

FFF1FF

000000

7B5189

7B5189

784389

7E5F89

743689

826C89

712889

857A89

6D1A89

898889

6A0D89

8C9689

670089

90A389

93B189

96BF89

9ACC89

Harmonies

Analogous

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



4F5D9A



7B5189



93486D

Triad

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



7B5189



7C5B23



007074

Complementary

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



7B5189



5F8951

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.



006F54



7B5189



5F6524

Square

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



7B5189



905034



3C6C37



006E8E

Rectangle

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



7B5189



994659



3C6C37



007069

Sweetspot

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



7B5189



AD9DB3



515F89



564D59



D9D9D9



595959

Same Dimension

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



7B5189



9D5BB3



89517B



433E45



630085



040005

Inverse Universe

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



89515F



B35B71



51895F



453E40



850021



050001

Previews

White Background



This preview shows how the Hex color 7B5189 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

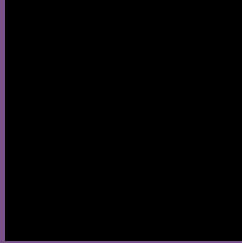
Any Text WCAG AA × Fail

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 7B5189 Background



This preview shows how black text looks on a background with the Hex color 7B5189.




This preview shows how white text looks on a background with the Hex color 7B5189.

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
755A61

Trichromacy



Original Color
7B5189

Protanomaly
5E5A91

Deuteranomaly
635B87

Tritanomaly
775770

Monochromacy



Original Color
7B5189

Achromatopsia
646464

Achromatomaly
6C5D71

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5189 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 #7B5189 looks like.

```
.text, #text, p{  
    color:#7B5189  
}
```

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 #7B5189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5189
}
```

Border

The CSS property to change the border of an element to Hex 7B5189 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
#7B5189 }
```

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

```
.border{ border-color:#7B5189 }
```

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

Here you see how a box with a 4 pixel #7B5189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5189; -webkit-box-shadow:4px 4px  
4px 4px #7B5189; box-shadow:4px 4px 4px  
4px #7B5189 }
```

Background

The CSS property to change the background color of an element to Hex 7B5189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5189 }
```

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

```
.background{ background-color:#7B5189 }
```

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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