

Converting Colors

Hex(7F77A9)

Have a look what the booklet for
Hex(7F77A9) contains.

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Color

Hex(7F77A9)

Conversions

Conversions Part 1

Format	Color
Hex	7F77A9
RGB	127, 119, 169
RGB Percent	50%, 47%, 66%
CMY	0.5020, 0.5333, 0.3373
CMYK	0.25, 0.30, 0.00, 0.34
HSL	250°, 23%, 56%
HSV	250°, 30%, 66%
XYZ	22.5107, 20.5703, 40.3201
YIQ	127.0920, -11.2820, 17.2460

Conversions

Conversions Part 2

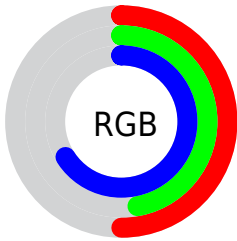
Format	Color
RYB	127, 119, 169
Decimal	8353705
CIELab	52.48, 14.20, -25.56
CIElCh	52, 29.237, 299.051
Yxy	20.5703, 0.2699, 0.2466
Android (android.graphics.Color)	4286543785 (0xFF7F77A9)
YUV	127.0920, 20.6606, -0.0807
Hunter-Lab	45.3544, 9.2242, -20.9608

Details

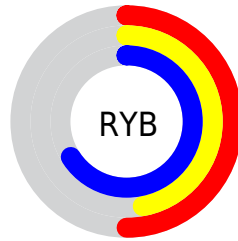
The Hex color **7F77A9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A1A977**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B5ABE0**, and **4D4775** is the 20% darker color. If you saturate the color by 10%, you get **7166A9**, and if you desaturate by 10%, it is **8D88A9**.

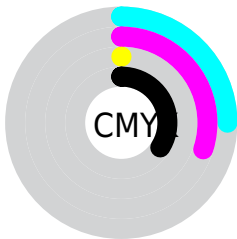
Distribution



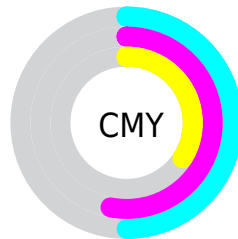
- Red (50%)
- Green (47%)
- Blue (66%)



- Red (50%)
- Yellow (47%)
- Blue (66%)



- Cyan (25%)
- Magenta (30%)
- Yellow (0%)
- Black (34%)



- Cyan (50%)
- Magenta (53%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F77A9 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 7F77A9 by changing the saturation by 10% instead.

■ 7F77A9

■ 7F77A9

FFFFFF

■ 655E8E

■ B5ABE0

■ 4D4775

■ D0C6FD

■ 35305C

■ EDE3FF

■ 1D1B44

■ 09012E

■ 000118

■ 000000

■ 7F77A9

■ 7F77A9

■ 7166A9

■ 8D88A9

6355A9

9B99A9

5444A9

AAAAA9

4633A9

B8BBA9

3823A9

C6CBA9

2A12A9

D4DCA9

1C01A9

E2EDA9

1B00A9

F1FEA9

FFFA9

Harmonies

Analogous

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



5880AF



7F77A9



9C6E97

Triad

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



7F77A9



A37353



368B7C

Complementary

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



7F77A9



A1A977

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.



578863



7F77A9



8F7B4B

Square

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



7F77A9



AE6C66



758351



198A95

Rectangle

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



7F77A9



A86B87



758351



418A73

Sweetspot

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



7F77A9



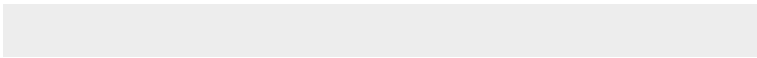
CBC8DB



77A1A9



64626E



EDEDED



6E6E6E

Same Dimension

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



7F77A9



998CDB



9877A9



4D4C54



180094



030014

Inverse Universe

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



A977A1



DB8CCF



88A977



544C53



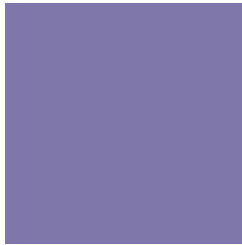
94007C



140011

Previews

White Background



This preview shows how the Hex color 7F77A9 looks on a white background.

Color Contrast Check

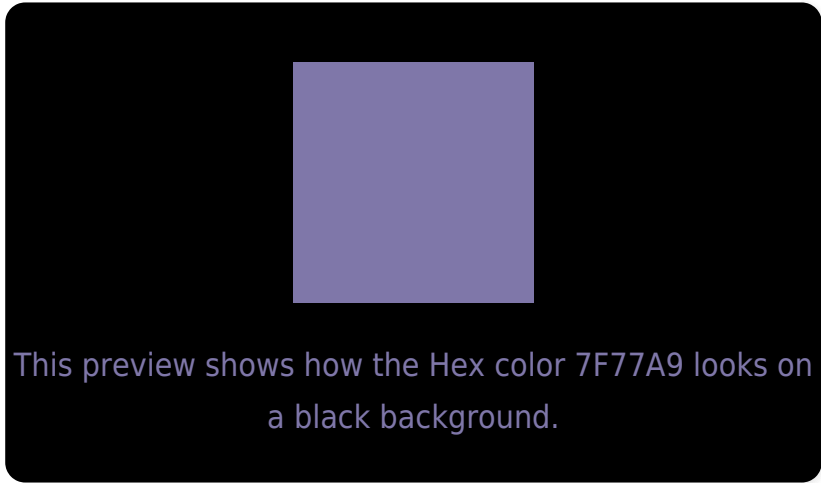
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

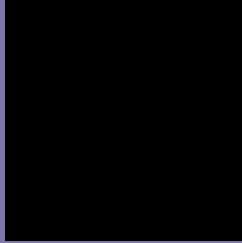
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7F77A9 Background



This preview shows how black text looks on a background with the Hex color 7F77A9.



This preview shows how white text looks on a background with the Hex color 7F77A9.

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
7F77A9

Protanopia
6F7BAC

Deuteranopia
717BA8



Tritanopia
797D87

Trichromacy



Original Color
7F77A9

Protanomaly
757AAB

Deuteranomaly
767AA8

Tritanomaly
7B7B93

Monochromacy



Original Color
7F77A9

Achromatopsia
7F7F7F

Achromatomaly
7F7C8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F77A9 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 #7F77A9 looks like.

```
.text, #text, p{  
    color:#7F77A9  
}
```

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 #7F77A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F77A9
}
```

Border

The CSS property to change the border of an element to Hex 7F77A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

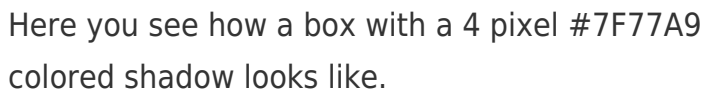
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F77A9 }
```

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

```
.border{ border-color:#7F77A9 }
```

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



Here you see how a box with a 4 pixel #7F77A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F77A9; -webkit-box-shadow:4px 4px  
4px 4px #7F77A9; box-shadow:4px 4px 4px  
4px #7F77A9 }
```

Background

The CSS property to change the background color of an element to Hex 7F77A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F77A9 }
```

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

```
.background{ background-color:#7F77A9 }
```

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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