

Converting Colors

Hex(7781B2)

Have a look what the booklet for
Hex(7781B2) contains.

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Color

Hex(7781B2)

Conversions

Conversions Part 1

Format	Color
Hex	7781B2
RGB	119, 129, 178
RGB Percent	47%, 51%, 70%
CMY	0.5333, 0.4941, 0.3020
CMYK	0.33, 0.28, 0.00, 0.30
HSL	230°, 28%, 58%
HSV	230°, 33%, 70%
XYZ	23.4939, 22.8368, 45.2892
YIQ	131.5960, -21.6890, 13.1190

Conversions

Conversions Part 2

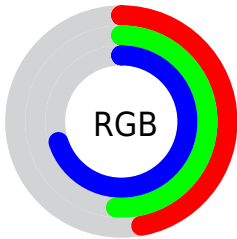
Format	Color
R_{YB}	119, 128, 178
Decimal	7831986
CIE _{Lab}	54.90, 8.17, -27.05
CIE _{LCh}	55, 28.253, 286.813
Yxy	22.8368, 0.2564, 0.2493
Android (android.graphics.Color)	4286022066 (0xFF7781B2)
YUV	131.5960, 22.8772, -11.0467
Hunter-Lab	47.7879, 4.1269, -22.7384

Details

The Hex color **7781B2** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B2A877**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ADB6EA**, and **44507D** is the 20% darker color. If you saturate the color by 10%, you get **6572B2**, and if you desaturate by 10%, it is **8990B2**.

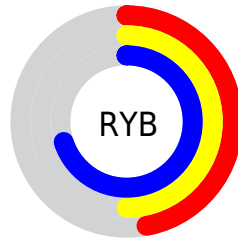
Distribution



Red (47%)

Green (51%)

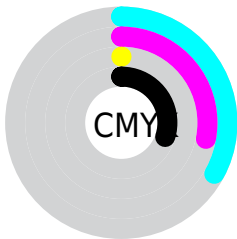
Blue (70%)



Red (47%)

Yellow (50%)

Blue (70%)

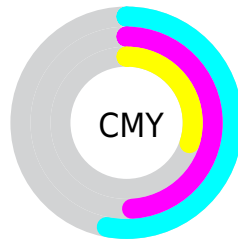


Cyan (33%)

Magenta (28%)

Yellow (0%)

Black (30%)



Cyan (53%)

Magenta (49%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7781B2 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 7781B2 by changing the saturation by 10% instead.

■ 7781B2

■ 7781B2

FFFFFF

■ 5D6897

■ ADB6EA

■ 44507D

■ C8D1FF

■ 2B3964

■ E5EEFF

■ 10244C

■ 000F35

■ 00021F

■ 000002

■ 000000

■ 7781B2

■ 7781B2

■ 6572B2

■ 8990B2

■ 5363B2

■ 9B9FB2

■ 4255B2

■ ACADB2

■ 3046B2

■ BEBCB2

■ 1E37B2

■ D0CBB2

■ 0C28B2

■ E2DAB2

■ 001EB2

■ F4E8B2

■ FFF7B2

■ FFFFB2

Harmonies

Analogous

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



5089B2



7781B2



9878A5

Triad

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



7781B2



AE7661



4D9077

Complementary

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



7781B2



B2A877

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.



6A8C61



7781B2



9E7E54

Square

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



7781B2



B47176



868654



319191

Rectangle

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



7781B2



A77497



868654



578F6F

Sweetspot

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



7781B2



D1D5E8



77B2A7



676A75



F5F5F5



757575

Same Dimension

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



7781B2



8B9BE8



8A77B2



505259



001A99



00041A

Inverse Universe

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



B27781



E88B9B



9FB277



595052



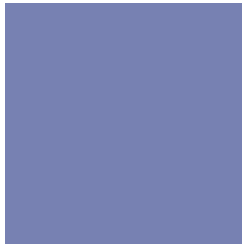
99001A



1A0004

Previews

White Background



This preview shows how the Hex color 7781B2 looks on a white background.

Color Contrast Check

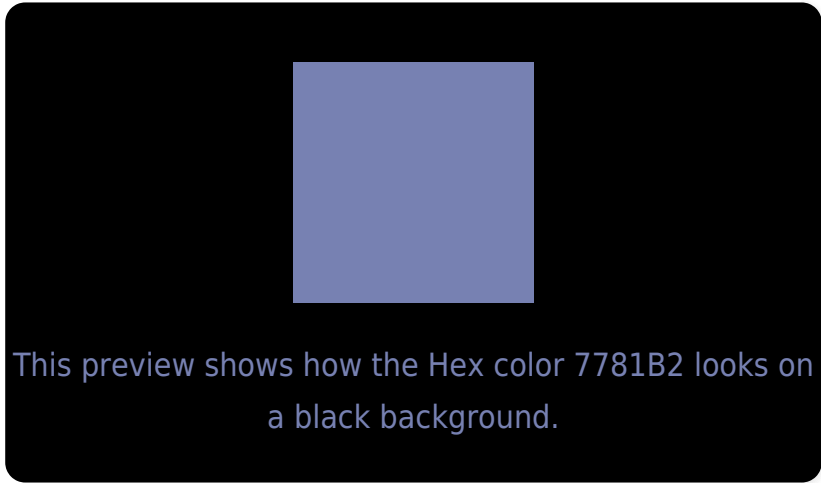
Large Text (above 18pt) WCAG AA ✓ Pass

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

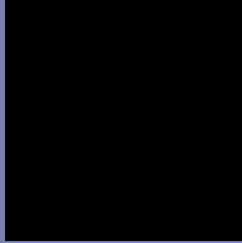
Any Text WCAG AA ✓ Pass

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 7781B2 Background



This preview shows how black text looks on a background with the Hex color 7781B2.



This preview shows how white text looks on a background with the Hex color 7781B2.

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

7781B2

Protanopia

7581B2

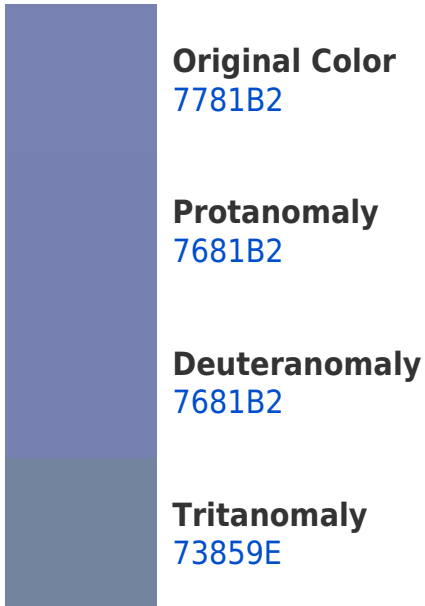
Deuteranopia

7681B2



Tritanopia
708792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7781B2 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 #7781B2 looks like.

```
.text, #text, p{  
    color:#7781B2  
}
```

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 #7781B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7781B2
}
```

Border

The CSS property to change the border of an element to Hex 7781B2 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
#7781B2 }
```

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

```
.border{ border-color:#7781B2 }
```

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

Here you see how a box with a 4 pixel #7781B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7781B2; -webkit-box-shadow:4px 4px  
4px 4px #7781B2; box-shadow:4px 4px 4px  
4px #7781B2 }
```

Background

The CSS property to change the background color of an element to Hex 7781B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7781B2 }
```

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

```
.background{ background-color:#7781B2 }
```

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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