

Converting Colors

Hex(7D81AA)

Have a look what the booklet for
Hex(7D81AA) contains.

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Color

Hex(7D81AA)

Conversions

Conversions Part 1

Format	Color
Hex	7D81AA
RGB	125, 129, 170
RGB Percent	49%, 51%, 67%
CMY	0.5098, 0.4941, 0.3333
CMYK	0.26, 0.24, 0.00, 0.33
HSL	235°, 21%, 58%
HSV	235°, 26%, 67%
XYZ	23.5634, 22.9628, 41.2205
YIQ	132.4780, -15.5450, 11.9030

Conversions

Conversions Part 2

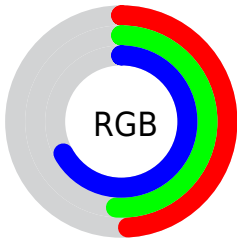
Format	Color
R_{YB}	125, 129, 170
Decimal	8225194
CIE _{Lab}	55.03, 7.92, -22.21
CIE _{LCh}	55, 23.580, 289.627
Yxy	22.9628, 0.2685, 0.2617
Android (android.graphics.Color)	4286415274 (0xFF7D81AA)
YUV	132.4780, 18.4983, -6.5582
Hunter-Lab	47.9195, 3.9145, -17.4579

Details

The Hex color **7D81AA** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AAA67D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B2B6E1**, and **4B5076** is the 20% darker color. If you saturate the color by 10%, you get **6C72AA**, and if you desaturate by 10%, it is **8E90AA**.

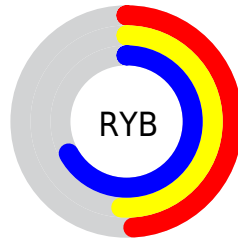
Distribution



Red (49%)

Green (51%)

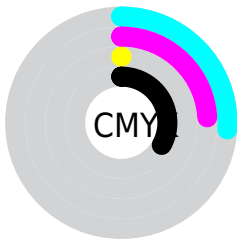
Blue (67%)



Red (49%)

Yellow (51%)

Blue (67%)

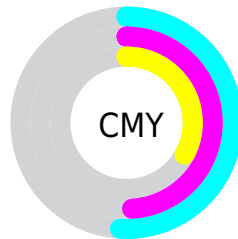


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (33%)



Cyan (51%)

Magenta (49%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D81AA 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 7D81AA by changing the saturation by 10% instead.

■ 7D81AA

■ 7D81AA

FFFFFF

■ 63688F

■ B2B6E1

■ 4B5076

■ CED1FE

■ 33395D

■ EBEEFF

■ 1B2445

■ 040E2F

■ 00011A

■ 000000

■ 7D81AA

■ 7D81AA

■ 6C72AA

■ 8E90AA

■ 5B62AA

■ 9FA0AA

■ 4A53AA

■ B0AFAA

■ 3943AA

■ C1BF AA

■ 2834AA

■ D2CEAA

■ 1724AA

■ E3DEAA

■ 0615AA

■ F4EDAA

■ 000FAA

■ FFFDAA

■ FFFF AA

Harmonies

Analogous

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



5F88AB



7D81AA



977A9E

Triad

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



7D81AA



A77965



568F7C

Complementary

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



7D81AA



AAA67D

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.



6D8C69



7D81AA



99805C

Square

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



7D81AA



AD7577



84875D



468F91

Rectangle

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



7D81AA



A37692



84875D



5D8E75

Sweetspot

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



7D81AA



CCCEDE



7DAAA5



656670



F0F0F0



707070

Same Dimension

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



7D81AA



979DDE



8F7DAA



4C4C54



000D94



000214

Inverse Universe

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



AA7D81



DE979D



98AA7D



544C4C



94000D



140002

Previews

White Background



This preview shows how the Hex color 7D81AA looks on a white background.

Color Contrast Check

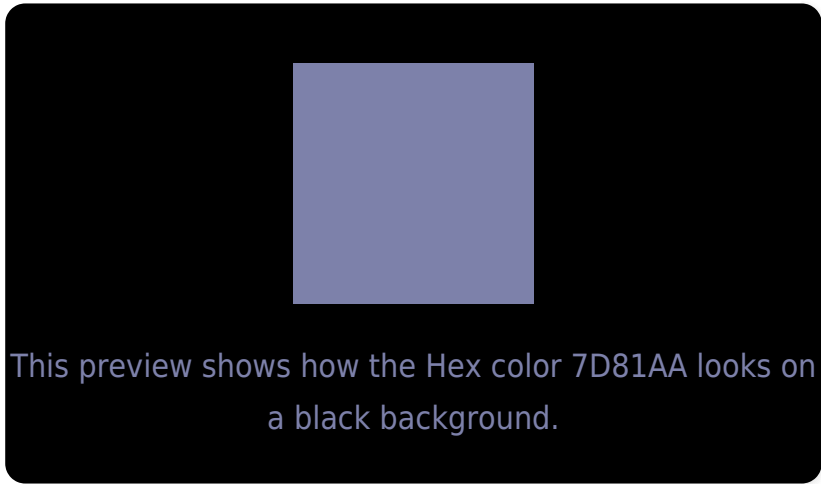
Large Text (above 18pt) WCAG AA ✓ Pass

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

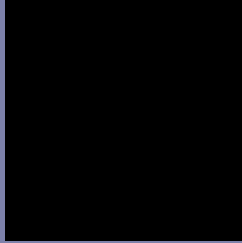
Any Text WCAG AA ✓ Pass

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 7D81AA Background



This preview shows how black text looks on a background with the Hex color 7D81AA.



This preview shows how white text looks on a background with the Hex color 7D81AA.

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
7D81AA

Protanopia
7982AB

Deuteranopia
7C81AA



Tritanopia
788690

Trichromacy



Original Color
7D81AA

Protanomaly
7A82AB

Deuteranomaly
7C81AA

Tritanomaly
7A8499

Monochromacy



Original Color
7D81AA

Achromatopsia
848484

Achromatomaly
818392

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D81AA 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 #7D81AA looks like.

```
.text, #text, p{  
    color:#7D81AA  
}
```

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 #7D81AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D81AA
}
```

Border

The CSS property to change the border of an element to Hex 7D81AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

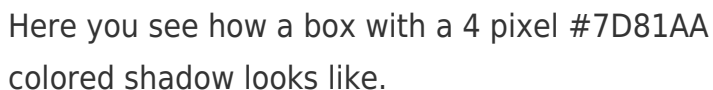
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D81AA }
```

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

```
.border{ border-color:#7D81AA }
```

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



Here you see how a box with a 4 pixel #7D81AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D81AA; -webkit-box-shadow:4px 4px  
4px 4px #7D81AA; box-shadow:4px 4px 4px  
4px #7D81AA }
```

Background

The CSS property to change the background color of an element to Hex 7D81AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D81AA }
```

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

```
.background{ background-color:#7D81AA }
```

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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