

Converting Colors

Hex(7981CB)

Have a look what the booklet for
Hex(7981CB) contains.

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Color

Hex(7981CB)

Conversions

Conversions Part 1

Format	Color
Hex	7981CB
RGB	121, 129, 203
RGB Percent	47%, 51%, 80%
CMY	0.5255, 0.4941, 0.2039
CMYK	0.40, 0.36, 0.00, 0.20
HSL	234°, 44%, 64%
HSV	234°, 40%, 80%
XYZ	26.5149, 24.0773, 59.7498
YIQ	135.0440, -28.5220, 21.3180

Conversions

Conversions Part 2

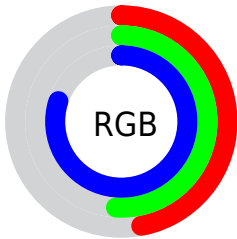
Format	Color
R_{YB}	121, 128, 203
Decimal	7963083
CIE _{Lab}	56.17, 15.65, -39.32
CIE _{LCh}	56, 42.317, 291.701
Yxy	24.0773, 0.2403, 0.2182
Android (android.graphics.Color)	4286153163 (0xFF7981CB)
YUV	135.0440, 33.5023, -12.3166
Hunter-Lab	49.0686, 10.5850, -37.8482

Details

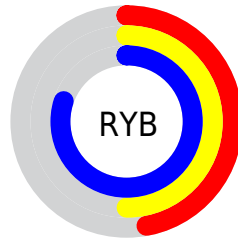
The Hex color **7981CB** is a light color, and the websafe version is hex **666699**. A complement of this color would be **CBC379**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B0B6FF**, and **435094** is the 20% darker color. If you saturate the color by 10%, you get **656FCB**, and if you desaturate by 10%, it is **8D93CB**.

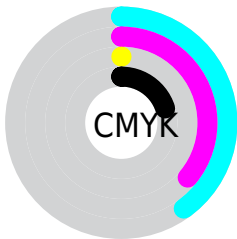
Distribution



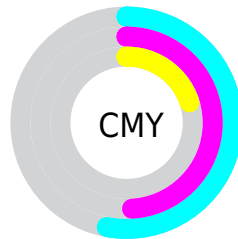
- Red (47%)
- Green (51%)
- Blue (80%)



- Red (47%)
- Yellow (50%)
- Blue (80%)



- Cyan (40%)
- Magenta (36%)
- Yellow (0%)
- Black (20%)



- Cyan (53%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7981CB 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 7981CB by changing the saturation by 10% instead.

■ 7981CB

FFFFFF

■ B0B6FF

■ CDD1FF

■ EAEEFF

■ 7981CB

■ 5E68AF

■ 435094

■ 27397A

■ 002461

■ 001049

■ 000432

■ 00011C

■ 000000

■ 7981CB

■ 7981CB

■ 656FCB

■ 8D93CB

■ 505CCB

■ A2A6CB

■ 3C4ACB

■ B6B8CB

■ 2838CB

■ CACACB

■ 1325CB

■ DFDDCB

■ 0014CB

■ F3EFCB

■ FFFFCB

Harmonies

Analogous

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



238ECF



7981CB



AA73B5

Triad

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



7981CB



BF744E



00997B

Complementary

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



7981CB



CBC379

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.



569557



7981CB



A5813C

Square

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



7981CB



CC696D



828D3F



0099A1

Rectangle

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



7981CB



BF6B9F



828D3F



2D986E

Sweetspot

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



7981CB



E0E3FF



79CBC3



6E6F80



000000



808080

Same Dimension

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



7981CB



8591FF



9A79CB



5C5D66



0010A6



000426

Inverse Universe

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



CB7981



FF8591



AACB79



665C5D



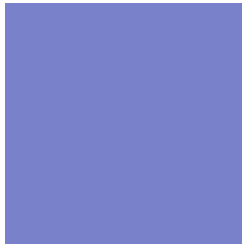
A60010



260004

Previews

White Background



This preview shows how the Hex color 7981CB looks on a white background.

Color Contrast Check

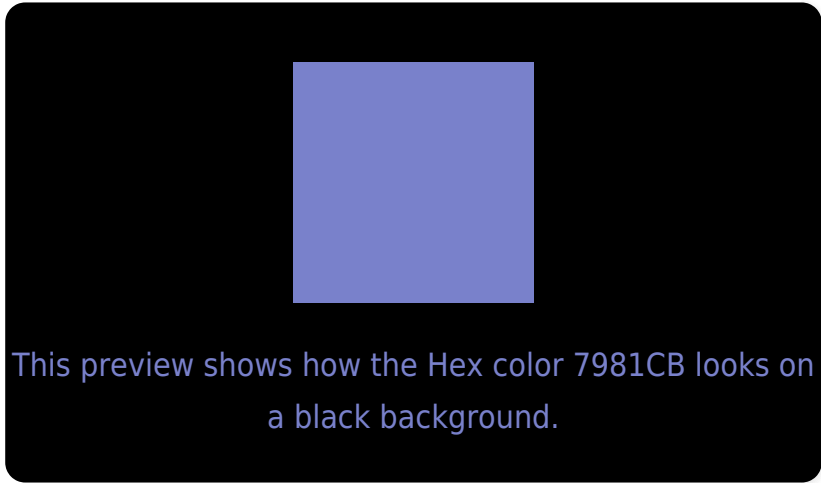
Large Text (above 18pt) WCAG AA ✓ Pass

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

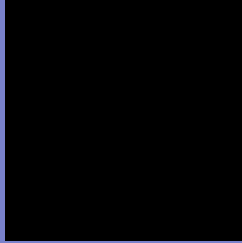
Any Text WCAG AA ✓ Pass

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 7981CB Background



This preview shows how black text looks on a background with the Hex color 7981CB.



This preview shows how white text looks on a background with the Hex color 7981CB.

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
7981CB

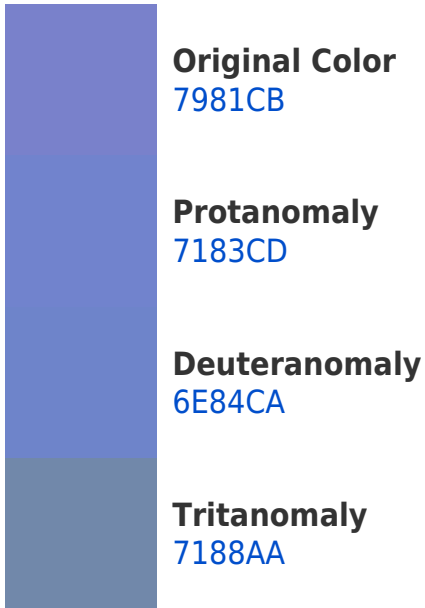
Protanopia
6C84CE

Deuteranopia
6786CA

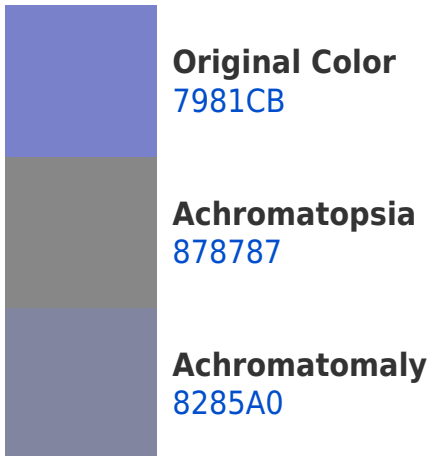


Tritanopia
6C8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7981CB 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 #7981CB looks like.

```
.text, #text, p{  
    color:#7981CB  
}
```

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 #7981CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7981CB
}
```

Border

The CSS property to change the border of an element to Hex 7981CB 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
#7981CB }
```

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

```
.border{ border-color:#7981CB }
```

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

Here you see how a box with a 4 pixel #7981CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7981CB; -webkit-box-shadow:4px 4px  
4px 4px #7981CB; box-shadow:4px 4px 4px  
4px #7981CB }
```

Background

The CSS property to change the background color of an element to Hex 7981CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7981CB }
```

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

```
.background{ background-color:#7981CB }
```

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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