

Converting Colors

Hex(7981C9)

Have a look what the booklet for
Hex(7981C9) contains.

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Color

Hex(7981C9)

Conversions

Conversions Part 1	
Format	Color
Hex	7981C9
RGB	121, 129, 201
RGB Percent	47%, 51%, 79%
CMY	0.5255, 0.4941, 0.2118
CMYK	0.40, 0.36, 0.00, 0.21
HSL	234°, 43%, 63%
HSV	234°, 40%, 79%
XYZ	26.2780, 23.9825, 58.5024
YIQ	134.8160, -27.8800, 20.6960

Conversions

Conversions Part 2

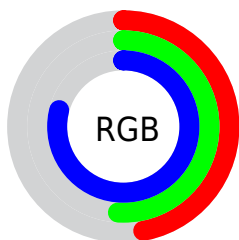
Format	Color
RYB	121, 128, 201
Decimal	7963081
CIELab	56.07, 15.08, -38.33
CIELCh	56, 41.193, 291.474
Yxy	23.9825, 0.2416, 0.2205
Android (android.graphics.Color)	4286153161 (0xFF7981C9)
YUV	134.8160, 32.6287, -12.1166
Hunter-Lab	48.9719, 10.0811, -36.5481

Details

The Hex color **7981C9** is a light color, and the websafe version is hex **666699**. A complement of this color would be **C9C179**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B0B6FF**, and **435093** is the 20% darker color. If you saturate the color by 10%, you get **656FC9**, and if you desaturate by 10%, it is **8D93C9**.

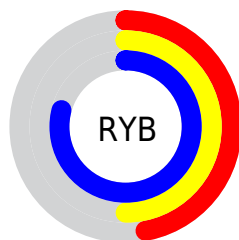
Distribution



Red (47%)

Green (51%)

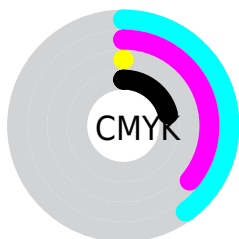
Blue (79%)



Red (47%)

Yellow (50%)

Blue (79%)

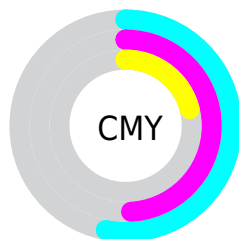


Cyan (40%)

Magenta (36%)

Yellow (0%)

Black (21%)



Cyan (53%)

Magenta (49%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7981C9 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 7981C9 by changing the saturation by 10% instead.

 7981C9

 7981C9

FFFFFF

 5E68AD

 B0B6FF

 435093

 CCD1FF

 283979

 E9EEFF

 02245F

 001047

 000430

 00011A

 000000

 7981C9

 7981C9

 656FC9

 8D93C9

 515DC9

 A1A5C9

 3D4BC9

 B5B7C9

 2939C9

 C9C9C9

 1527C9

 DEDBC9

 0014C9

 F2EEC9

 FFFFC9

Harmonies

Analogous

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



298DCD



7981C9



A973B3

Triad

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



7981C9



BE7450



0D987B

Complementary

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



7981C9



C9C179

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.



589458



7981C9



A5813E

Square

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



7981C9



CA6A6E



828C41



00999F

Rectangle

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



7981C9



BD6C9E



828C41



32976E

Sweetspot

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



7981C9



E0E3FF



79C9C1



6E6F80



000000



808080

Same Dimension

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



7981C9



8591FF



9979C9



5A5A63



0010A3



000424

Inverse Universe

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



C97981



FF8591



A9C979



635A5A



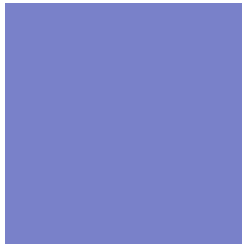
A30010



240004

Previews

White Background



This preview shows how the Hex color 7981C9 looks on a white background.

Color Contrast Check

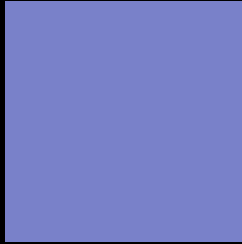
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 7981C9 looks on a 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 7981C9 Background



This preview shows how black text looks on a background with the Hex color 7981C9.



This preview shows how white text looks on a background with the Hex color 7981C9.

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

7981C9

Protanopia

6D84CB

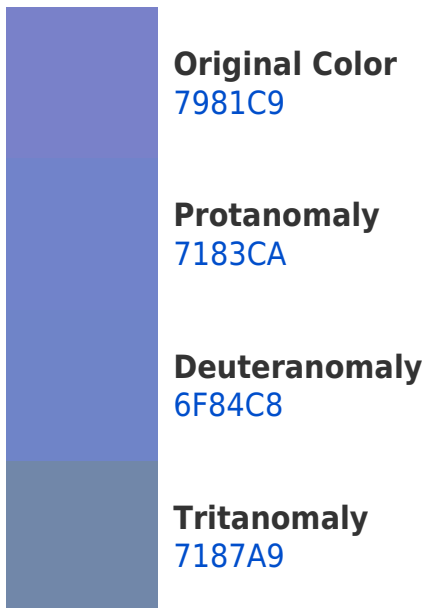
Deuteranopia

6985C8



Tritanopia
6D8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7981C9 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 #7981C9 looks like.

```
.text, #text, p{  
    color:#7981C9  
}
```

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 #7981C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7981C9
}
```

Border

The CSS property to change the border of an element to Hex 7981C9 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
#7981C9 }
```

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

```
.border{ border-color:#7981C9 }
```

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

Here you see how a box with a 4 pixel #7981C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7981C9; -webkit-box-shadow:4px 4px  
4px 4px #7981C9; box-shadow:4px 4px 4px  
4px #7981C9 }
```

Background

The CSS property to change the background color of an element to Hex 7981C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7981C9 }
```

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

```
.background{ background-color:#7981C9 }
```

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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