

Converting Colors

Hex(7949C7)

Have a look what the booklet for
Hex(7949C7) contains.

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Color

Hex(7949C7)

Conversions

Conversions Part 1

Format	Color
Hex	7949C7
RGB	121, 73, 199
RGB Percent	47%, 29%, 78%
CMY	0.5255, 0.7137, 0.2196
CMYK	0.39, 0.63, 0.00, 0.22
HSL	263°, 53%, 53%
HSV	263°, 63%, 78%
XYZ	20.5765, 12.9536, 55.4486
YIQ	101.7160, -11.8380, 49.3620

Conversions

Conversions Part 2

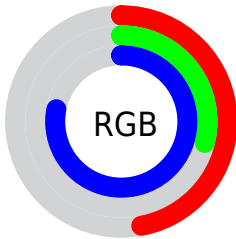
Format	Color
R_{YB}	121, 73, 199
Decimal	7948743
CIE _{Lab}	42.69, 47.24, -58.52
CIE _{LCh}	43, 75.205, 308.912
Yxy	12.9536, 0.2313, 0.1456
Android (android.graphics.Color)	4286138823 (0xFF7949C7)
YUV	101.7160, 47.9610, 16.9121
Hunter-Lab	35.9910, 39.0662, -66.1498

Details

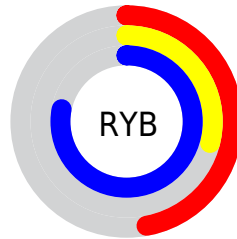
The Hex color **7949C7** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **97C749**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B27CFF**, and **401790** is the 20% darker color. If you saturate the color by 10%, you get **6D35C7**, and if you desaturate by 10%, it is **855DC7**.

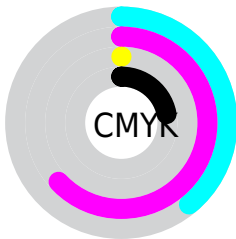
Distribution



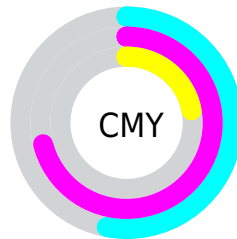
- Red (47%)
- Green (29%)
- Blue (78%)



- Red (47%)
- Yellow (29%)
- Blue (78%)



- Cyan (39%)
- Magenta (63%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (71%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7949C7 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 7949C7 by changing the saturation by 10% instead.

7949C7

7949C7

FFFFFF

5D30AB

B27CFF

401790

CF97FF

200076

EDB2FF

00005C

FFCEFF

000044

FFEAFF

00032C

000117

000000

7949C7

7949C7

6D35C7

855DC7

6021C7

9271C7

540DC7

9E85C7

4C00C7

AA99C7

B7ADC7

C3C0C7

CFD4C7

DCE8C7

E8FCC7

Harmonies

Analogous

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



0067E2



7949C7



BA1293

Triad

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



7949C7



9E5100



007E76

Complementary

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



7949C7



97C749

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.



007C34



7949C7



6B6800

Square

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



7949C7



C12818



1A7500



007EB2

Rectangle

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



7949C7



CB006A



1A7500



007E61

Sweetspot

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



7949C7



E1CFFF



4999C7



6D6280



000000



808080

Same Dimension

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



7949C7



873DFF



B649C7



5D5A63



3E00A3



0E0024

Inverse Universe

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



C74997



FF3DB5



5AC749



635A60



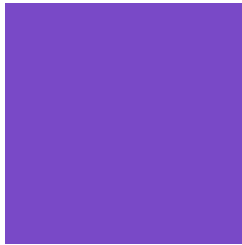
A30065



240016

Previews

White Background



This preview shows how the Hex color 7949C7 looks on a white 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

Black 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

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

Hex 7949C7 Background



This preview shows how black text looks on a background with the Hex color 7949C7.




This preview shows how white text looks on a background with the Hex color 7949C7.

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





Tritanopia
65646C

Trichromacy



Original Color
7949C7



Protanomaly
2C58CB



Deuteranomaly
2C5CBB



Tritanomaly
6C5A8D

Monochromacy



Original Color
7949C7



Achromatopsia
666666



Achromatomaly
6D5B89

CSS Examples

Text

The CSS property to change the color of the text to Hex 7949C7 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 #7949C7 looks like.

```
.text, #text, p{  
    color:#7949C7  
}
```

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 #7949C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7949C7
}
```

Border

The CSS property to change the border of an element to Hex 7949C7 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
#7949C7 }
```

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

```
.border{ border-color:#7949C7 }
```

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

Here you see how a box with a 4 pixel #7949C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7949C7; -webkit-box-shadow:4px 4px  
4px 4px #7949C7; box-shadow:4px 4px 4px  
4px #7949C7 }
```

Background

The CSS property to change the background color of an element to Hex 7949C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7949C7 }
```

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

```
.background{ background-color:#7949C7 }
```

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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