

Converting Colors

Hex(7B90C5)

Have a look what the booklet for
Hex(7B90C5) contains.

Hex(7B90C5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B90C5)

Conversions

Conversions Part 1

Format	Color
Hex	7B90C5
RGB	123, 144, 197
RGB Percent	48%, 56%, 77%
CMY	0.5176, 0.4353, 0.2275
CMYK	0.38, 0.27, 0.00, 0.23
HSL	223°, 39%, 63%
HSV	223°, 38%, 77%
XYZ	28.2197, 28.1887, 56.7769
YIQ	143.7630, -29.5290, 12.0310

Conversions

Conversions Part 2

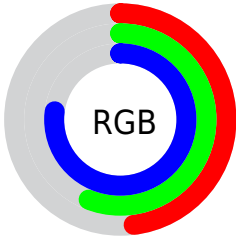
Format	Color
R_{YB}	123, 139, 197
Decimal	8097989
CIE _{Lab}	60.06, 5.72, -29.84
CIE _{LCh}	60, 30.386, 280.852
Yxy	28.1887, 0.2493, 0.2490
Android (android.graphics.Color)	4286288069 (0xFF7B90C5)
YUV	143.7630, 26.2458, -18.2092
Hunter-Lab	53.0930, 1.9625, -26.2388

Details

The Hex color **7B90C5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C5B07B**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B2C6FE**, and **465E8F** is the 20% darker color. If you saturate the color by 10%, you get **6782C5**, and if you desaturate by 10%, it is **8F9EC5**.

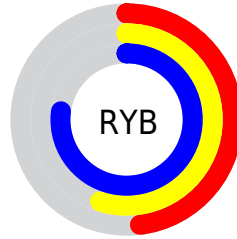
Distribution



Red (48%)

Green (56%)

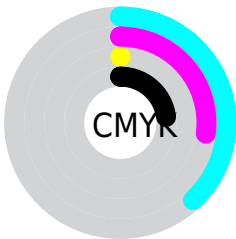
Blue (77%)



Red (48%)

Yellow (55%)

Blue (77%)

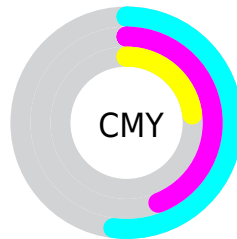


Cyan (38%)

Magenta (27%)

Yellow (0%)

Black (23%)



Cyan (52%)

Magenta (44%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B90C5 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 7B90C5 by changing the saturation by 10% instead.

■ 7B90C5

■ 7B90C5

FFFFFF

■ 6176AA

■ B2C6FE

■ 465E8F

■ CEE2FF

■ 2C4675

■ EBFEFF

■ 0D305C

■ 001C44

■ 00002E

■ 000118

■ 000000

■ 7B90C5

■ 7B90C5

■ 6782C5

■ 8F9EC5

■ 5474C5

■ A2ACC5

■ 4066C5

■ B6BAC5

■ 2C58C5

■ CAC8C5

■ 1949C5

■ DED7C5

■ 053BC5

■ F1E5C5

■ 0038C5

■ FFF3C5

■ FFFFC5

Harmonies

Analogous

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



5098C3



7B90C5



A186B9

Triad

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



7B90C5



C2816F



5B9E7E

Complementary

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



7B90C5



C5B07B

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.



7C9967



7B90C5



B2895F

Square

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



7B90C5



C57C88



99925C



3C9F9A

Rectangle

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



7B90C5



B381AB



99925C



669D76

Sweetspot

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



7B90C5



E3EBFF



7BC5AF



6F7480



000000



808080

Same Dimension

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



7B90C5



8CADFF



8A7BC5



5A5C63



002EA3



000A24

Inverse Universe

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



C57B90



FF8CAD



B6C57B



635A5C



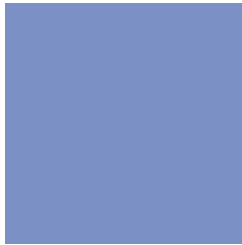
A3002E



24000A

Previews

White Background



This preview shows how the Hex color 7B90C5 looks on a white background.

Color Contrast Check

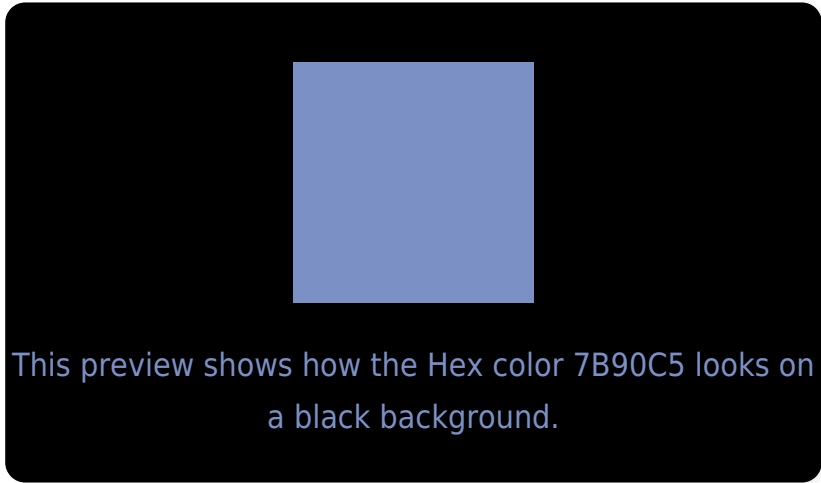
Large Text (above 18pt) WCAG AA ✓ Pass

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

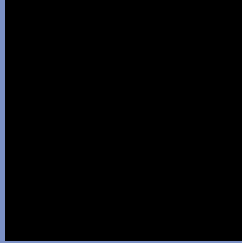
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

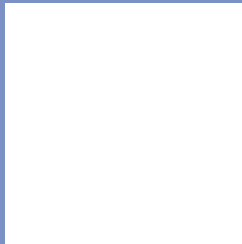
Any Text WCAG AAA × Fail

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

Hex 7B90C5 Background



This preview shows how black text looks on a background with the Hex color 7B90C5.



This preview shows how white text looks on a background with the Hex color 7B90C5.

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
7B90C5

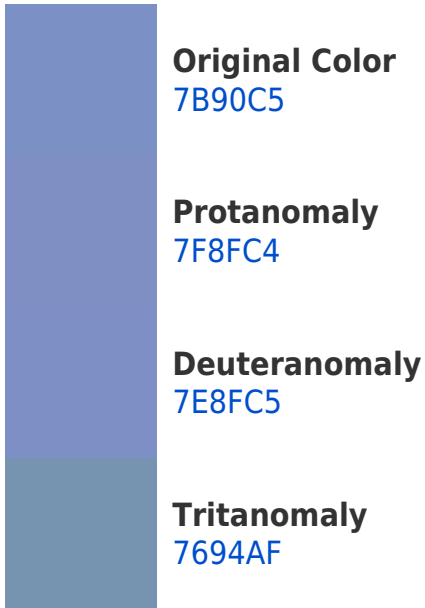
Protanopia
818FC4

Deuteranopia
808FC5

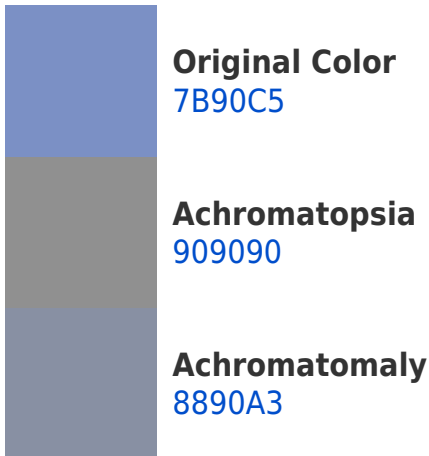


Tritanopia
7396A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B90C5 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 #7B90C5 looks like.

```
.text, #text, p{  
    color:#7B90C5  
}
```

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 #7B90C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B90C5
}
```

Border

The CSS property to change the border of an element to Hex 7B90C5 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
#7B90C5 }
```

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

```
.border{ border-color:#7B90C5 }
```

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

Here you see how a box with a 4 pixel #7B90C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B90C5; -webkit-box-shadow:4px 4px  
4px 4px #7B90C5; box-shadow:4px 4px 4px  
4px #7B90C5 }
```

Background

The CSS property to change the background color of an element to Hex 7B90C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B90C5 }
```

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

```
.background{ background-color:#7B90C5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor