

Converting Colors

Hex(7E90B4)

Have a look what the booklet for
Hex(7E90B4) contains.

Hex(7E90B4)	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(7E90B4)

Conversions

Conversions Part 1

Format	Color
Hex	7E90B4
RGB	126, 144, 180
RGB Percent	49%, 56%, 71%
CMY	0.5059, 0.4353, 0.2941
CMYK	0.30, 0.20, 0.00, 0.29
HSL	220°, 26%, 60%
HSV	220°, 30%, 71%
XYZ	26.8157, 27.6774, 47.1090
YIQ	142.7220, -22.2840, 7.3800

Conversions

Conversions Part 2

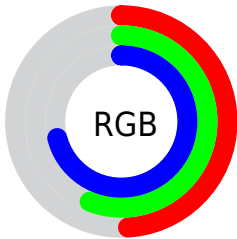
Format	Color
RYB	126, 140, 180
Decimal	8294580
CIELab	59.60, 2.09, -20.93
CIELCh	60, 21.033, 275.699
Yxy	27.6774, 0.2639, 0.2724
Android (android.graphics.Color)	4286484660 (0xFF7E90B4)
YUV	142.7220, 18.3781, -14.6652
Hunter-Lab	52.6093, -1.0826, -16.2646

Details

The Hex color **7E90B4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B4A27E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B4C6EC**, and **4B5E7F** is the 20% darker color. If you saturate the color by 10%, you get **6C84B4**, and if you desaturate by 10%, it is **909CB4**.

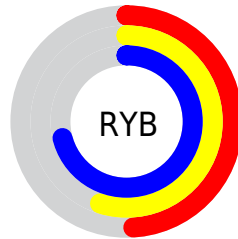
Distribution



Red (49%)

Green (56%)

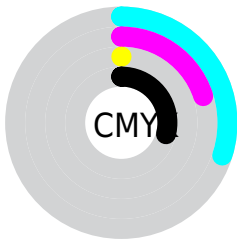
Blue (71%)



Red (49%)

Yellow (55%)

Blue (71%)

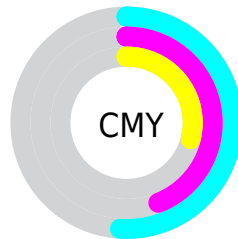


Cyan (30%)

Magenta (20%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E90B4 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 7E90B4 by changing the saturation by 10% instead.

 7E90B4

 7E90B4

FFFFFF

 647699

 B4C6EC

 4B5E7F

 D0E2FF

 334666

 ECFEFF

 1A304E

 001B37

 000222

 000007

 000000

 7E90B4

 7E90B4

6C84B4

909CB4

5A78B4

A2A8B4

486CB4

B4B4B4

3660B4

C6C0B4

2454B4

D8CCB4

1248B4

EAD8B4

003CB4

FCE4B4

FFF0B4

FFFCB4

Harmonies

Analogous

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



6696B1



7E90B4



978AAE

Triad

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



7E90B4



B4847B



709980

Complementary

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



7E90B4



B4A27E

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.



859571



7E90B4



AA896E

Square

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



7E90B4



B4828D



9A8F6B



5F9A93

Rectangle

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



7E90B4



A586A5



9A8F6B



77987A

Sweetspot

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



7E90B4



D5DDEB



7EB4A2



686D75



F5F5F5



757575

Same Dimension

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



7E90B4



96B2EB



877EB4



505359



003399



00081A

Inverse Universe

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



B47E90



EB96B2



ABB47E



595053



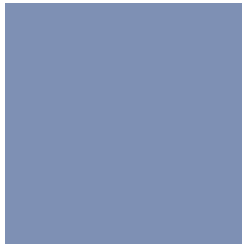
990033



1A0008

Previews

White Background



This preview shows how the Hex color 7E90B4 looks on a white background.

Color Contrast Check

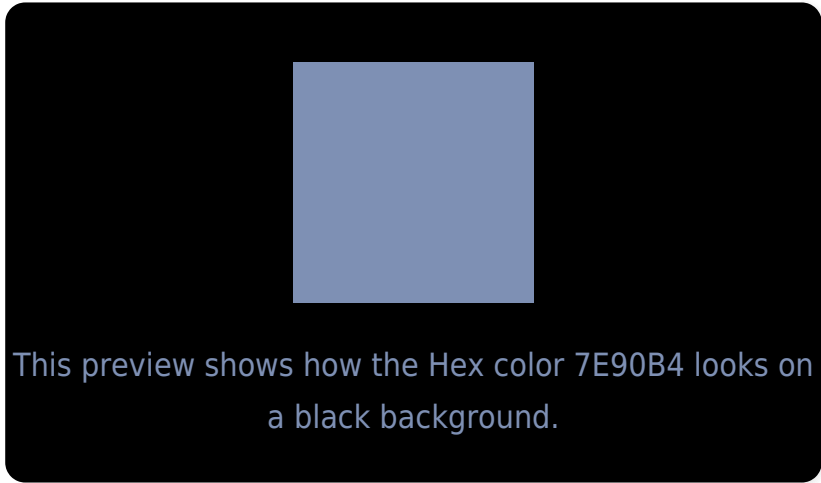
Large Text (above 18pt) WCAG AA ✓ Pass

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

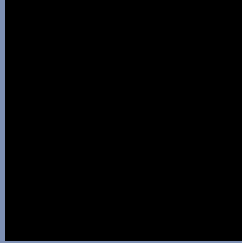
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

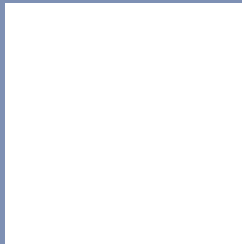
Any Text WCAG AAA × Fail

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

Hex 7E90B4 Background



This preview shows how black text looks on a background with the Hex color 7E90B4.



This preview shows how white text looks on a background with the Hex color 7E90B4.

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
7E90B4

Protanopia
868EB2

Deuteranopia
8A8DB5



Tritanopia
7A949F

Trichromacy



Original Color
7E90B4

Protanomaly
838FB3

Deuteranomaly
868EB5

Tritanomaly
7B93A7

Monochromacy



Original Color
7E90B4

Achromatopsia
8F8F8F

Achromatomaly
898F9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E90B4 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 #7E90B4 looks like.

```
.text, #text, p{  
    color:#7E90B4  
}
```

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 #7E90B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E90B4
}
```

Border

The CSS property to change the border of an element to Hex 7E90B4 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
#7E90B4 }
```

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

```
.border{ border-color:#7E90B4 }
```

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

Here you see how a box with a 4 pixel #7E90B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E90B4; -webkit-box-shadow:4px 4px  
4px 4px #7E90B4; box-shadow:4px 4px 4px  
4px #7E90B4 }
```

Background

The CSS property to change the background color of an element to Hex 7E90B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E90B4 }
```

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

```
.background{ background-color:#7E90B4 }
```

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