

Converting Colors

Hex(7B97EC)

Have a look what the booklet for
Hex(7B97EC) contains.

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Color

Hex(7B97EC)

Conversions

Conversions Part 1

Format	Color
Hex	7B97EC
RGB	123, 151, 236
RGB Percent	48%, 59%, 93%
CMY	0.5176, 0.4078, 0.0745
CMYK	0.48, 0.36, 0.00, 0.07
HSL	225°, 75%, 70%
HSV	225°, 48%, 93%
XYZ	34.3753, 32.4003, 83.7990
YIQ	152.3180, -43.9730, 20.4990

Conversions

Conversions Part 2

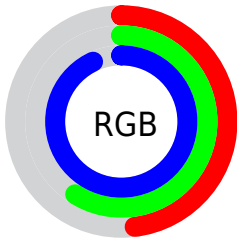
Format	Color
RYB	123, 145, 236
Decimal	8099820
CIELab	63.67, 12.82, -45.92
CIElCh	64, 47.674, 285.602
Yxy	32.4003, 0.2283, 0.2152
Android (android.graphics.Color)	4286289900 (0xFF7B97EC)
YUV	152.3180, 41.2552, -25.7119
Hunter-Lab	56.9213, 8.1857, -47.4413

Details

The Hex color **7B97EC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **ECD07B**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B4CDFF**, and **4165B4** is the 20% darker color. If you saturate the color by 10%, you get **6385EC**, and if you desaturate by 10%, it is **93A9EC**.

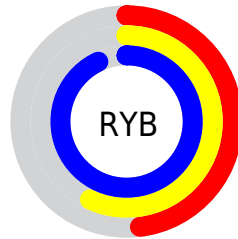
Distribution



Red (48%)

Green (59%)

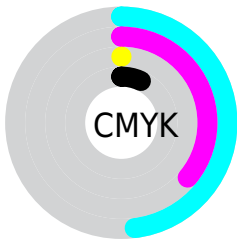
Blue (93%)



Red (48%)

Yellow (57%)

Blue (93%)

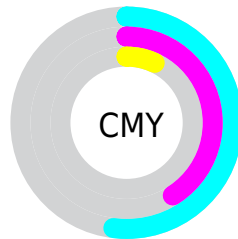


Cyan (48%)

Magenta (36%)

Yellow (0%)

Black (7%)



Cyan (52%)

Magenta (41%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B97EC 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 7B97EC by changing the saturation by 10% instead.

 7B97EC

 7B97EC

FFFFFF

 5E7DD0

 B4CDFF

 4165B4

 D1E9FF

 1E4D99

 EFFFFFF

 00377E

 002265

 000C4C

 000535

 00021F

 000001

■ 7B97EC

■ 7B97EC

■ 6385EC

■ 93A9EC

■ 4C73EC

■ AABBECE

■ 3462EC

■ C2CCECE

■ 1D50EC

■ D9DEECE

■ 053EECE

■ F1F0ECE

■ 003AEC

■ FFFFECE

Harmonies

Analogous

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



00A5EC



7B97EC



BA86D6

Triad

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



7B97EC



E0815F



21AE84

Complementary

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



7B97EC



ECD07B

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.



6EA95D



7B97EC



C59146

Square

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



7B97EC



EA7786



9E9F45



00B0B0

Rectangle

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



7B97EC



D57CBE



9E9F45



43AD76

Sweetspot

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



7B97EC



DBE4FF



7BECD0



6A6F80



000000



808080

Same Dimension

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



7B97EC



6E92FF



977BEC



6A6C75



002DB5



000D36

Inverse Universe

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



EC7B97



FF6E92



D0EC7B



756A6C



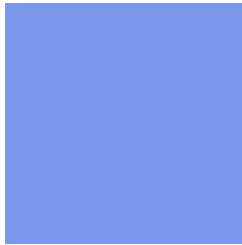
B5002D



36000D

Previews

White Background



This preview shows how the Hex color 7B97EC looks on a white background.

Color Contrast Check

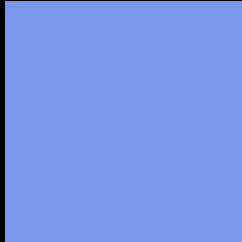
Large Text (above 18pt) WCAG AA × Fail

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 7B97EC 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 ✓ Pass

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

Hex 7B97EC Background



This preview shows how black text looks on a background with the Hex color 7B97EC.



This preview shows how white text looks on a background with the Hex color 7B97EC.

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
7B97EC

Protanopia
7B97EC

Deuteranopia
7199EB



Tritanopia
69A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B97EC 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 #7B97EC looks like.

```
.text, #text, p{  
    color:#7B97EC  
}
```

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 #7B97EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B97EC
}
```

Border

The CSS property to change the border of an element to Hex 7B97EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

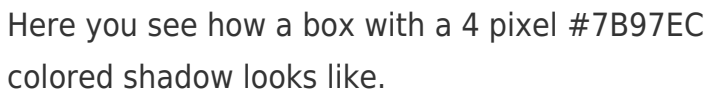
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B97EC }
```

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

```
.border{ border-color:#7B97EC }
```

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



Here you see how a box with a 4 pixel #7B97EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B97EC; -webkit-box-shadow:4px 4px  
4px 4px #7B97EC; box-shadow:4px 4px 4px  
4px #7B97EC }
```

Background

The CSS property to change the background color of an element to Hex 7B97EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B97EC }
```

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

```
.background{ background-color:#7B97EC }
```

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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