

Converting Colors

Hex(7B9EE8)

Have a look what the booklet for
Hex(7B9EE8) contains.

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Color

Hex(7B9EE8)

Conversions

Conversions Part 1

Format	Color
Hex	7B9EE8
RGB	123, 158, 232
RGB Percent	48%, 62%, 91%
CMY	0.5176, 0.3804, 0.0902
CMYK	0.47, 0.32, 0.00, 0.09
HSL	221°, 70%, 70%
HSV	221°, 47%, 91%
XYZ	34.9607, 34.4909, 81.1587
YIQ	155.9710, -44.6140, 15.5940

Conversions

Conversions Part 2

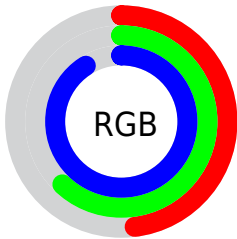
Format	Color
R_{YB}	123, 149, 232
Decimal	8101608
CIE _{Lab}	65.35, 7.60, -41.08
CIE _{LCh}	65, 41.776, 280.482
Yxy	34.4909, 0.2321, 0.2290
Android (android.graphics.Color)	4286291688 (0xFF7B9EE8)
YUV	155.9710, 37.4823, -28.9156
Hunter-Lab	58.7289, 3.4836, -40.8238

Details

The Hex color **7B9EE8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E8C57B**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B4D4FF**, and **426BB0** is the 20% darker color. If you saturate the color by 10%, you get **648EE8**, and if you desaturate by 10%, it is **92AEE8**.

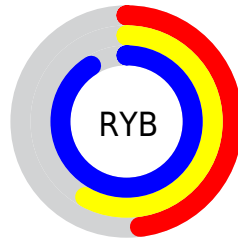
Distribution



Red (48%)

Green (62%)

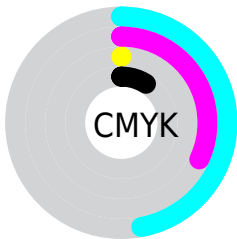
Blue (91%)



Red (48%)

Yellow (58%)

Blue (91%)

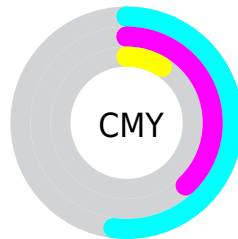


Cyan (47%)

Magenta (32%)

Yellow (0%)

Black (9%)



Cyan (52%)

Magenta (38%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B9EE8 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 7B9EE8 by changing the saturation by 10% instead.

 7B9EE8

 7B9EE8

FFFFFF

 5F84CC

 B4D4FF

 426BB0

 D1F1FF

 205395

 EEEFFF

 003C7B

 002762

 001349

 000432

 00021C

 000000

 7B9EE8

 7B9EE8

 648EE8

 92AEE8

 4D7EE8

 A9BEE8

 356FE8

 C1CDE8

 1E5FE8

 D8DDE8

 074FE8

 EFEDE8

 004AE8

 FFFDE8

 FFFFE8

Harmonies

Analogous

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



23A9E5



7B9EE8



B390D8

Triad

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



7B9EE8



E18770



4EB084

Complementary

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



7B9EE8



E8C57B

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.



80AB64



7B9EE8



CB9458

Square

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



7B9EE8



E68093



A9A153



00B2AB

Rectangle

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



7B9EE8



CE87C4



A9A153



61AF78

Sweetspot

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



7B9EE8



DBE7FF



7BE8C4



6A7180



000000



808080

Same Dimension

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



7B9EE8



709EFF



8D7BE8



676B73



0039B3



001033

Inverse Universe

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



E87B9E



FF709E



D6E87B



73676B



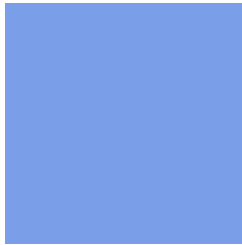
B30039



330010

Previews

White Background



This preview shows how the Hex color 7B9EE8 looks on a white background.

Color Contrast Check

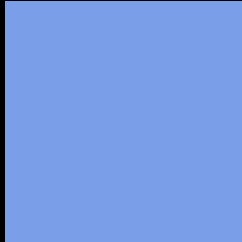
Large Text (above 18pt) WCAG AA × Fail

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 7B9EE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

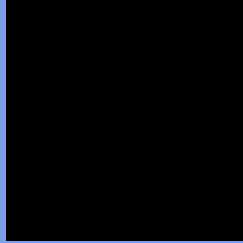
Any Text WCAG AA ✓ Pass

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 7B9EE8 Background



This preview shows how black text looks on a background with the Hex color 7B9EE8.



This preview shows how white text looks on a background with the Hex color 7B9EE8.

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](#).

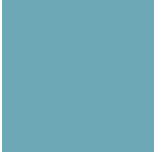
Dichromacy



Original Color
7B9EE8

Protanopia
869CE6

Deuteranopia
7F9DE8

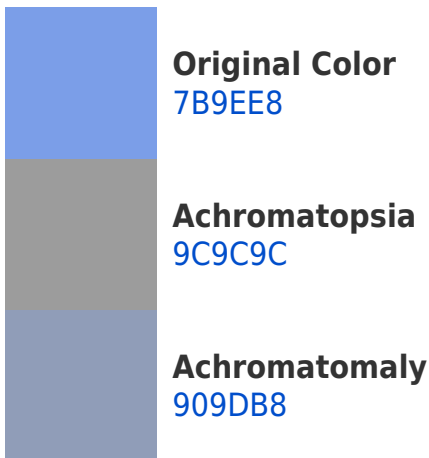


Tritanopia
6CA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B9EE8 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 #7B9EE8 looks like.

```
.text, #text, p{  
    color:#7B9EE8  
}
```

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 #7B9EE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9EE8  
}
```

Border

The CSS property to change the border of an element to Hex 7B9EE8 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  
#7B9EE8 }
```

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

```
.border{ border-color:#7B9EE8 }
```

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

Here you see how a box with a 4 pixel #7B9EE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9EE8; -webkit-box-shadow:4px 4px  
4px 4px #7B9EE8; box-shadow:4px 4px 4px  
4px #7B9EE8 }
```

Background

The CSS property to change the background color of an element to Hex 7B9EE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9EE8 }
```

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

```
.background{ background-color:#7B9EE8 }
```

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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