

Converting Colors

Hex(7B9DED)

Have a look what the booklet for
Hex(7B9DED) contains.

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Color

Hex(7B9DED)

Conversions

Conversions Part 1

Format	Color
Hex	7B9DED
RGB	123, 157, 237
RGB Percent	48%, 62%, 93%
CMY	0.5176, 0.3843, 0.0706
CMYK	0.48, 0.34, 0.00, 0.07
HSL	222°, 76%, 71%
HSV	222°, 48%, 93%
XYZ	35.5114, 34.4393, 84.8966
YIQ	155.9540, -45.9440, 17.6720

Conversions

Conversions Part 2

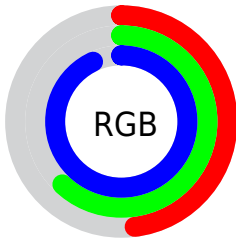
Format	Color
R _{YB}	123, 149, 237
Decimal	8101357
CIE Lab	65.31, 9.65, -43.89
CIE LCh	65, 44.938, 282.395
Yxy	34.4393, 0.2293, 0.2224
Android (android.graphics.Color)	4286291437 (0xFF7B9DED)
YUV	155.9540, 39.9557, -28.9007
Hunter-Lab	58.6850, 5.3149, -44.6922

Details

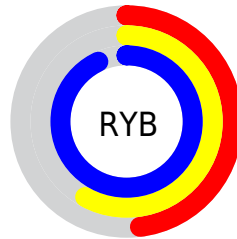
The Hex color **7B9DED** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EDCB7B**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B4D3FF**, and **416AB5** is the 20% darker color. If you saturate the color by 10%, you get **638CED**, and if you desaturate by 10%, it is **93AEED**.

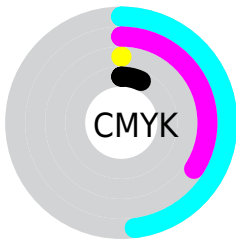
Distribution



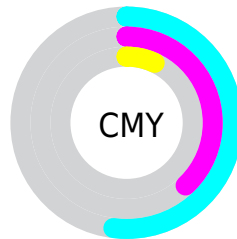
- Red (48%)
- Green (62%)
- Blue (93%)



- Red (48%)
- Yellow (58%)
- Blue (93%)



- Cyan (48%)
- Magenta (34%)
- Yellow (0%)
- Black (7%)



- Cyan (52%)
- Magenta (38%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B9DED 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 7B9DED by changing the saturation by 10% instead.

 7B9DED

 7B9DED

FFFFFF

 5E83D1

 B4D3FF

 416AB5

 D1F0FF

 1D529A

 EFFFFFF

 003C7F

 002766

 00134D

 000536

 000220

 000003

■ 7B9DED

■ 7B9DED

■ 638CED

■ 93AEED

■ 4C7CED

■ AABEED

■ 346BED

■ C2CFED

■ 1C5AED

■ DAE0ED

■ 044AED

■ F2F0ED

■ 0047ED

■ FFFFED

Harmonies

Analogous

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



00A9EB



7B9DED



B88EDA

Triad

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



7B9DED



E4866A



3FB285

Complementary

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



7B9DED



EDCB7B

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.



7AAC61



7B9DED



CB9451

Square

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



7B9DED



EB7D8F



A7A24D



00B3AE

Rectangle

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



7B9DED



D384C5



A7A24D



56B078

Sweetspot

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



7B9DED



DBE6FF



7BEDCB



6A7080



000000



808080

Same Dimension

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



7B9DED



6B97FF



927BED



6A6D75



0036B5



001036

Inverse Universe

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



ED7B9D



FF6B97



D6ED7B



756A6D



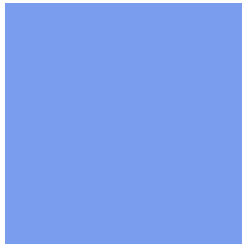
B50036



360010

Previews

White Background



This preview shows how the Hex color 7B9DED looks on a white background.

Color Contrast Check

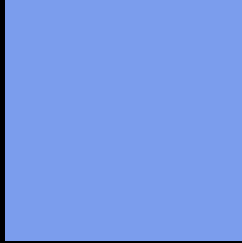
Large Text (above 18pt) WCAG AA × Fail

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 7B9DED 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 7B9DED Background



This preview shows how black text looks on a background with the Hex color 7B9DED.



This preview shows how white text looks on a background with the Hex color 7B9DED.

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

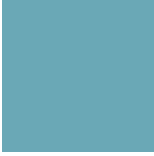
7B9DED

Protanopia

839BEC

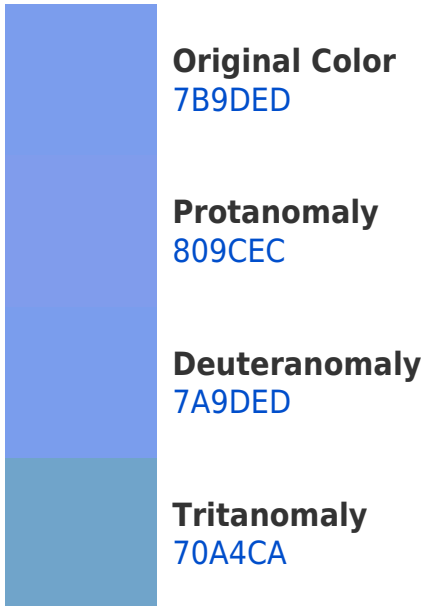
Deuteranopia

7A9DED

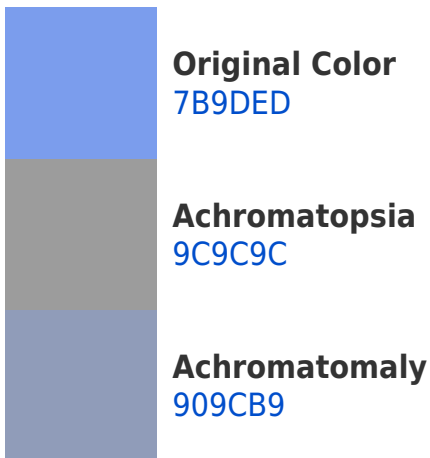


Tritanopia
6AA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B9DED 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 #7B9DED looks like.

```
.text, #text, p{  
    color:#7B9DED  
}
```

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 #7B9DED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9DED
}
```

Border

The CSS property to change the border of an element to Hex 7B9DED 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
#7B9DED }
```

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

```
.border{ border-color:#7B9DED }
```

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

Here you see how a box with a 4 pixel #7B9DED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9DED; -webkit-box-shadow:4px 4px  
4px 4px #7B9DED; box-shadow:4px 4px 4px  
4px #7B9DED }
```

Background

The CSS property to change the background color of an element to Hex 7B9DED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9DED }
```

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

```
.background{ background-color:#7B9DED }
```

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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