

Converting Colors

Hex(7D99E0)

Have a look what the booklet for
Hex(7D99E0) contains.

Hex(7D99E0)	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(7D99E0)

Conversions

Conversions Part 1

Format	Color
Hex	7D99E0
RGB	125, 153, 224
RGB Percent	49%, 60%, 88%
CMY	0.5098, 0.4000, 0.1216
CMYK	0.44, 0.32, 0.00, 0.12
HSL	223°, 61%, 68%
HSV	223°, 44%, 88%
XYZ	33.3032, 32.5243, 75.0435
YIQ	152.7220, -39.4790, 16.1450

Conversions

Conversions Part 2

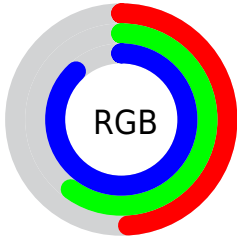
Format	Color
RYB	125, 147, 224
Decimal	8231392
CIELab	63.77, 8.64, -39.12
CIELCh	64, 40.066, 282.456
Yxy	32.5243, 0.2364, 0.2309
Android (android.graphics.Color)	4286421472 (0xFF7D99E0)
YUV	152.7220, 35.1401, -24.3122
Hunter-Lab	57.0300, 4.4342, -38.0963

Details

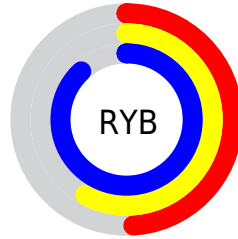
The Hex color **7D99E0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E0C47D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B5CFFF**, and **4566A8** is the 20% darker color. If you saturate the color by 10%, you get **6789E0**, and if you desaturate by 10%, it is **93A9E0**.

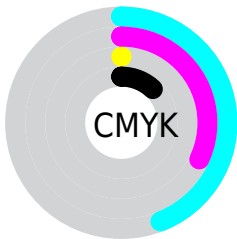
Distribution



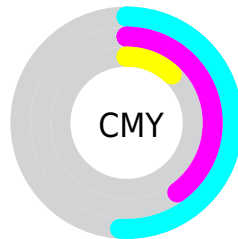
- Red (49%)
- Green (60%)
- Blue (88%)



- Red (49%)
- Yellow (58%)
- Blue (88%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (12%)



- Cyan (51%)
- Magenta (40%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D99E0 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 7D99E0 by changing the saturation by 10% instead.

■ 7D99E0

■ 7D99E0

FFFFFF

■ 617FC4

■ B5CFFF

■ 4566A8

■ D2EBFF

■ 274F8E

■ EFFFFFF

■ 003874

■ 00235B

■ 000D43

■ 00032C

■ 000116

■ 000000

■ 7D99E0

■ 7D99E0

■ 6789E0

■ 93A9E0

■ 5079E0

■ AAB9E0

■ 3A69E0

■ C0C9E0

■ 2359E0

■ D7D9E0

■ 0D49E0

■ EDE9E0

■ 003FE0

■ FFF9E0

■ FFFFE0

Harmonies

Analogous

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



32A4DE



7D99E0



B18CCF

Triad

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



7D99E0



D9856C



4BAC84

Complementary

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



7D99E0



E0C47D

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.



7BA664



7D99E0



C39156

Square

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



7D99E0



DF7E8D



A29D53



00ADA9

Rectangle

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



7D99E0



CA84BC



A29D53



5CAA78

Sweetspot

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



7D99E0



DEE7FF



7DE0C4



6B7180



000000



808080

Same Dimension

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



7D99E0



789EFF



927DE0



656870



0032B0



000E30

Inverse Universe

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



E07D99



FF789E



CBE07D



706568



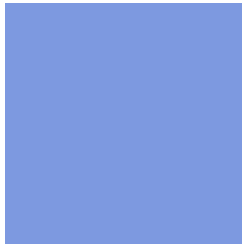
B00032



30000E

Previews

White Background



This preview shows how the Hex color 7D99E0 looks on a white background.

Color Contrast Check

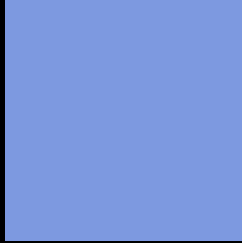
Large Text (above 18pt) WCAG AA × Fail

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 7D99E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

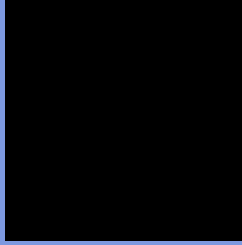
Any Text WCAG AA ✓ Pass

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 7D99E0 Background



This preview shows how black text looks on a background with the Hex color 7D99E0.

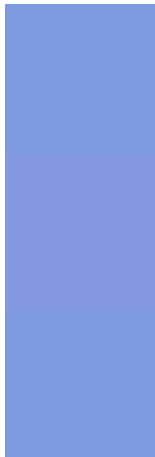


This preview shows how white text looks on a background with the Hex color 7D99E0.

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
7D99E0

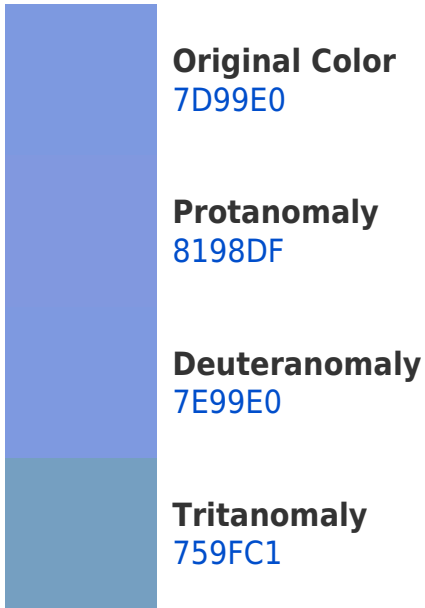
Protanopia
8398DF

Deuteranopia
7E99E0



Tritanopia
70A2B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D99E0 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 #7D99E0 looks like.

```
.text, #text, p{  
    color:#7D99E0  
}
```

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 #7D99E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D99E0
}
```

Border

The CSS property to change the border of an element to Hex 7D99E0 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
#7D99E0 }
```

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

```
.border{ border-color:#7D99E0 }
```

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

Here you see how a box with a 4 pixel #7D99E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D99E0; -webkit-box-shadow:4px 4px  
4px 4px #7D99E0; box-shadow:4px 4px 4px  
4px #7D99E0 }
```

Background

The CSS property to change the background color of an element to Hex 7D99E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D99E0 }
```

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

```
.background{ background-color:#7D99E0 }
```

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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