

Converting Colors

Hex(7F99D2)

Have a look what the booklet for
Hex(7F99D2) contains.

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Color

Hex(7F99D2)

Conversions

Conversions Part 1

Format	Color
Hex	7F99D2
RGB	127, 153, 210
RGB Percent	50%, 60%, 82%
CMY	0.5020, 0.4000, 0.1765
CMYK	0.40, 0.27, 0.00, 0.18
HSL	221°, 48%, 66%
HSV	221°, 40%, 82%
XYZ	31.7765, 31.9476, 65.4645
YIQ	151.7240, -33.7930, 12.2150

Conversions

Conversions Part 2

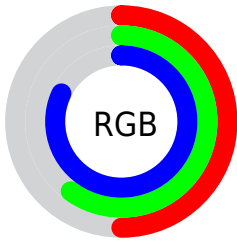
Format	Color
RYB	127, 147, 210
Decimal	8362450
CIELab	63.30, 5.22, -32.08
CIElCh	63, 32.500, 279.234
Yxy	31.9476, 0.2460, 0.2473
Android (android.graphics.Color)	4286552530 (0xFF7F99D2)
YUV	151.7240, 28.7301, -21.6829
Hunter-Lab	56.5222, 1.4378, -29.1046

Details

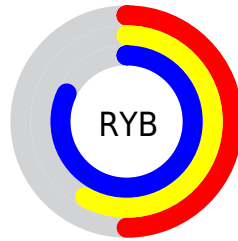
The Hex color **7F99D2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D2B87F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B6CFFF**, and **49669B** is the 20% darker color. If you saturate the color by 10%, you get **6A8BD2**, and if you desaturate by 10%, it is **94A7D2**.

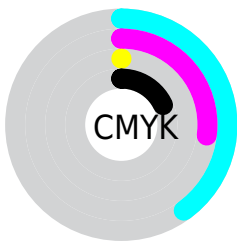
Distribution



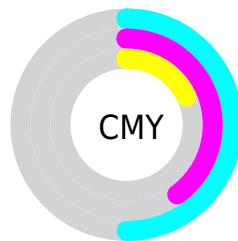
- Red (50%)
- Green (60%)
- Blue (82%)



- Red (50%)
- Yellow (58%)
- Blue (82%)



- Cyan (40%)
- Magenta (27%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F99D2 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 7F99D2 by changing the saturation by 10% instead.

 7F99D2

 7F99D2

FFFFFF

 647FB6

 B6CFFF

 49669B

 D3EBFF

 2E4E81

 F0FFFF

 0D3868

 00234F

 000C38

 000222

 000008

 000000

 7F99D2

 7F99D2

 6A8BD2

 94A7D2

 557CD2

 A9B6D2

 406ED2

 BEC4D2

 2B5FD2

 D3D3D2

 1651D2

 E8E1D2

 0142D2

 FDF0D2

 0042D2

 FFFED2

 FFFFD2

Harmonies

Analogous

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



50A2CF



7F99D2



A88FC6

Triad

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



7F99D2



CE8776



61A784

Complementary

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



7F99D2



D2B87F

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.



84A26C



7F99D2



BE9164

Square

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



7F99D2



D28391



A49A60



3DA9A1

Rectangle

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



7F99D2



BD88B7



A49A60



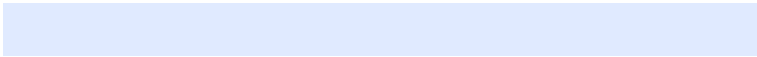
6DA67B

Sweetspot

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



7F99D2



E0EAFF



7FD2B8



6E7380



000000



808080

Same Dimension

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



7F99D2



87ADFF



8E7FD2



5E6169



0035A8



000D29

Inverse Universe

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



D27F99



FF87AD



C3D27F



695E61



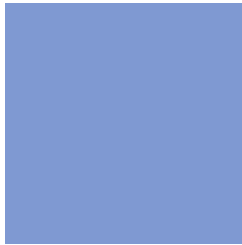
A80035



29000D

Previews

White Background



This preview shows how the Hex color 7F99D2 looks on a white background.

Color Contrast Check

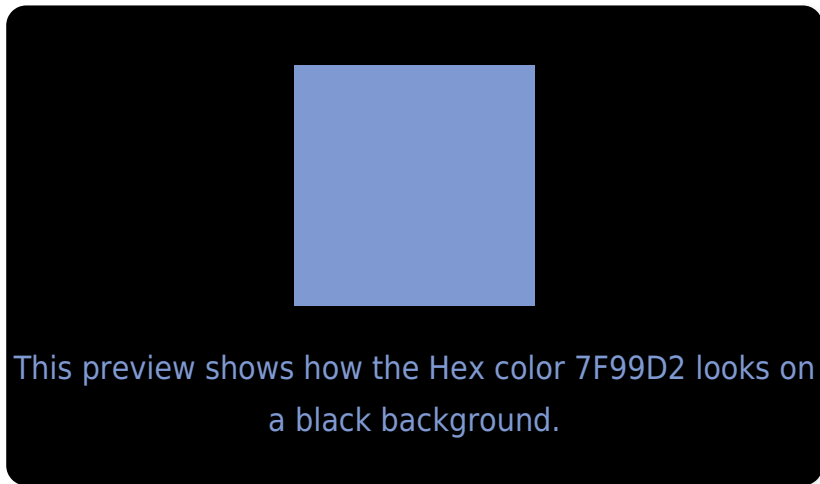
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

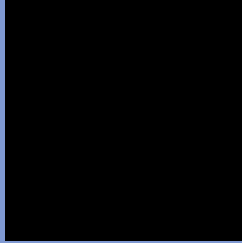
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

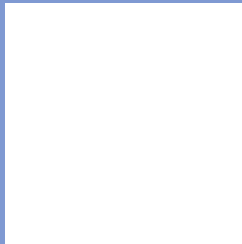
Any Text WCAG AAA ✓ Pass

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

Hex 7F99D2 Background



This preview shows how black text looks on a background with the Hex color 7F99D2.



This preview shows how white text looks on a background with the Hex color 7F99D2.

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
7F99D2

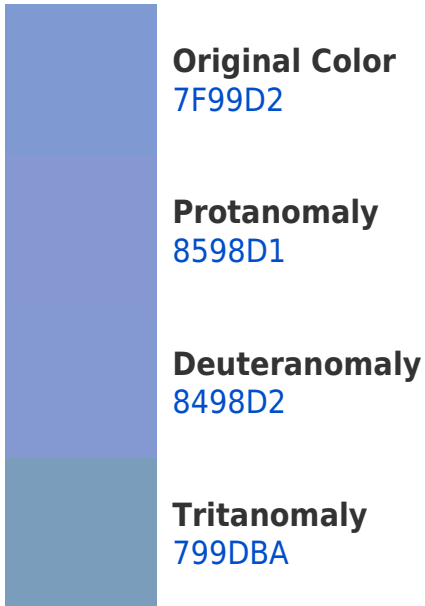
Protanopia
8897D0

Deuteranopia
8797D2

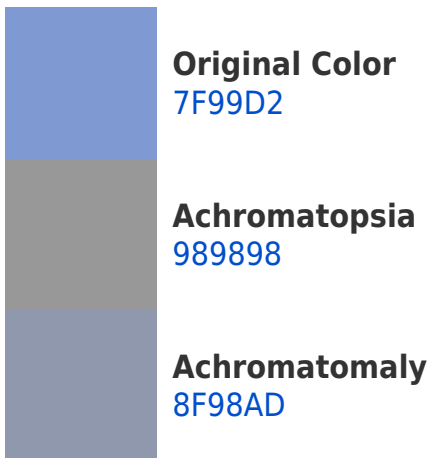


Tritanopia
76A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F99D2 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 #7F99D2 looks like.

```
.text, #text, p{  
    color:#7F99D2  
}
```

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 #7F99D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F99D2
}
```

Border

The CSS property to change the border of an element to Hex 7F99D2 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
#7F99D2 }
```

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

```
.border{ border-color:#7F99D2 }
```

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

Here you see how a box with a 4 pixel #7F99D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F99D2; -webkit-box-shadow:4px 4px  
4px 4px #7F99D2; box-shadow:4px 4px 4px  
4px #7F99D2 }
```

Background

The CSS property to change the background color of an element to Hex 7F99D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F99D2 }
```

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

```
.background{ background-color:#7F99D2 }
```

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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